



**Laboratorium, Analytische en Biochemische  
Apparatuur (NL)**

**Laboratory equipment**

Pr. Beatrixlaan 301 - 7312 DG **Apeldoorn**  
(Veilinglocatie Gemini)

Closing date: Monday **24 JUNE** starting 14:00



**Viewing:**

Thursday 20 June from 12:00 until 15:00  
Pr. Beatrixlaan 301 - 7312 DG Apeldoorn (The Netherlands)

*Bidding only on the internet!*

14-06-19 17.14



**TROOSTWIJK**  
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**Monday 24 June 2019 Laboratorium, Analytische en Biochemische Apparatuur**

**Specific Online Auction Terms and conditions of a public auction sale**

Closing date	Monday 24 June 2019 starting 14:00 CET
Viewing	<b>Thursday 20 June from 12:00 until 15:00 CET</b> <b>Veilinglocatie Gemini</b> Pr. Beatrixlaan 301 7312 DG Apeldoorn, The Netherlands TROOSTWIJK VEILINGEN B.V. Overschiestraat 59 1062 XD Amsterdam, The Netherlands Phone: +31 20 6666500 Fax: +31 20 6666501 E-mail: <a href="mailto:info@troostwijkauctions.com">info@troostwijkauctions.com</a>
Company organising this Online Auction	
Markup	17.00%
VAT	21.00%
Margin goods	In case of margin goods the VAT will be 0%
Collection	<b>Tuesday 2 July from 09:00 until 16:00 CET</b> <b>Veilinglocatie Gemini</b> Pr. Beatrixlaan 301 7312 DG Apeldoorn, The Netherlands
Viewing Instructions	Please note that this concerns an ascending auction sale, preceded by a viewing day. Placing a bid without viewing the equipment is at one's own risk. Please see articles 3 and 6 of the General Conditions.  The article of the law "purchase on distance" is not applicable on the services of Troostwijk.
Attending an auction closure for consumers	This is a public auction. This means that if you are bidding as a consumer you have the opportunity to attend the closure of the online auction at our offices: <b>Troostwijk Auctions - Overschiestraat 59, 1062 XD Amsterdam.</b> You need to be registered on our website if you want to attend the auction closure: <a href="http://www.troostwijkauctions.com">www.troostwijkauctions.com</a> . Before attending the auction closing, you must inform us no later than 3 working days before the closure by sending an e-mail to the following address: <a href="mailto:bijwonenkoperssluiting@troostwijkauctions.com">bijwonenkoperssluiting@troostwijkauctions.com</a> stating the auction number and your buyer number (account ID). You will then receive a written confirmation from us accordingly.
Payment Details	If you pay per bank transfer, your immediate payment is required, to ensure the funds are in our bankaccount <b>within 48 hours after the purchase agreement has been sent</b> . The transfer should be made to one of the following accounts. Please indicate the <b>auction number</b> and your <b>Account ID</b> with your payment.

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General Terms and Conditions of sale	<p>In addition to these Specific Online Auction Terms and Conditions the General online Auction terms and conditions are applicable. In the event of a contradiction between the general terms and conditions of online auctions and these specific terms and conditions of online auctions, then these specific terms and conditions of online auctions shall prevail.</p>
Supervision	<p>This auction will be held under the supervision of F.J. Oranje, a civil law notary in The Hague, with the firm of Pels Rijcken &amp; Droogleever Fortuijn N.V.</p>
Combination	<p>All lots in a combination will be sold individually first. After the last lot is sold, the total of bids is raised 5%. This is the starting bid of the combination. If the combination is sold it overrules the individual bids, if not the individual bids are applicable.</p>
Prolongation	<p>If a bid is made in the last 5 minutes before the lot closes, the closing time of that lot will be extended by 5 minutes until no bids are made. All lots without any bid will stay open until half an hour after the last closing time bid. . Troostwijk will have the right to adapt the extension time</p>
Lots without bid	<p>From all lots without a bid, the closing time can be extended with 30 minutes after the last closing time for lots in that auction.</p>
Allocation	<p>Certain lots / combination lots may be offered "subject to allocation". This is noted in the bidding information for each affected lot. Where lots are offered "subject to allocation" the seller reserves the right to accept or reject the highest bid. The bidders will be notified within 48 hours of the auction closing.</p>
Quantity, capacity, dimensions and weight of goods	<p>Where a lot description contains details of quantities, capacities, dimensions or weights of the goods, these data are indicative only and no rights can be derived from this information. Bidders must satisfy themselves as to the accuracy of such data. Although the information contained herein was obtained from resources deemed reliable, the seller and Troostwijk make no warranty, expressed or implied as to the accuracy of the information.</p>
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Protection Regulation and other applicable laws and regulations. Any person other than Troostwijk is not allowed to use these personal data for its own commercial purposes.



Lot	Number Description	Starting Bid €
1	<b>1 pre-analytical system with p471 centrifuge</b> Roche, Cobas p512, year built 2015, brand: Roche; type: Cobas p512; year: 2015; weight: 1542 kg; dimension L: 4000 mm; dimension W: 1650 mm; dimension H: 2000 mm; description: The centrifuge in the Cobas p471 is from the Hettich mark and is ideal for simultaneously spinning from different tube types in order to separate different masses in a sample from each other. In addition, there is refrigerated centrifugation as possible and the lid will close automatically. Further, the Cobas p471 is designed to be coupled to automated Cobas P512 pre-analytical system. The Cobas P512 is ideal for identification of the used types of pipes, detection of liquid level of the tubes, spin-state detection which identifies or blood samples are centrifuged or not, and for control of the sample quality to the detection of normal, hemolytic, lipemic and icteric samples makes possible. Technical specifications Cobas p471 centrifuge Voltage: 230V, 50 / 60Hz and 115V, 50 / 60Hz Power: 1000W Capacity: 150 samples Centrifuge Capacity: 76 tubes per load (tubes with volume of 3, 5, 7 & 10 mL) speed: 4500 rpm outside dimensions (B) x (D) x (H): 1.65 x 1.29 x 1.84 m Technical Cobas p5012 pre-analytic system voltage: 230 / 115V, 50-60Hz Power: 1800VA Capacity: 600 tubes per Throughput load: up to 1100 tubes per hour (from tubes 3, 5, 7 & 10 mL) External dimensions (B) x (D) x (H): 2.40 x 1.86 x 2.00 m;	1,000.00
3	<b>1 absorption meter</b> Brabender, C, brand: Brabender; type: C; description: Oil absorption meter from Brabender, type Absorptometer C. The Absorptometer "" C "" is a computerized measuring system for the determination of the oil number in accordance with ASTM D 2414 including the new methods B and C, and also to ASTM D 3493. The Absorptometer "" C "" with a USB port can be controlled by stepless speed by the PC. This instrument not only for the standard test work with the prescribed speed of 125 min <sup>-1</sup> , but at different rates. In addition, the software can define a speed and / or titration profile. Technical specifications: Voltage: 230V Power: 400W External dimensions (W) x (D) x (H): 51 x 78.5 x 60cm;	1,000.00
4	<b>1 generator</b> Zirbus, DG9, brand: Zirbus; type: DG9; description: The steam generator of Zirbus, type DG 9, is suitable for the production of steam of up to 158°C in order to for the purpose of the sterilization of equipment such as Braun Biostat C-3 DCU bioreactor. Also make DG 9 for steam autoclaves and dishwashers as the Getinge 86 series. Technical specifications: Voltage: 380-400V, 50Hz Power 9 KW Steam output 12kg / h. Temperature: up to 158°C Max. pressure: 5 bar; Outside dimensions (B) x (D) x (H): 51 x 67 x 86 cm;	100.00
5	<b>1 imager microscope</b> Zeiss, Axio, brand: Zeiss; type: Axio; description: Analysis of Zeiss microscope, type Axio Imager. The Axio Imager microscope to bloeduitstrijksel and categorizes cells and platelets; Software: HemaCAM computer assisted microscopy. The microscope comes with French software! Technical specifications: Voltage: 220-240V, 50Hz Power: 3,7A; Outer dimensions computer (B) x (D) x (H): 60 x 60 x 65 cm; Outer dimensions microscope (B) x (D) x (H): 65 x 52 x 41 cm;	1,000.00
6	<b>1 distillation analyzer</b> Isl, AD86 5G, brand: Isl; type: AD86 5G; description: The distillation analyzer ISL type AD86 5G is designed for the automatic distillation of hydrocarbons in a sample. The temperature and volumes of the condensation and timing of the formation of condensation are stored systematically. This device is ideally suited for purifying kerosine. Tevens is delivered from this machine a second identical device provided for parts. The cooling of the second device is faulty and the chassis with wheels that can be seen on the picture is not included. Technical specifications: Voltage: 230V, 50 / 60Hz Power: 8A; Power: 1,5kW; Distillation rate: 2 to 10 mL / min; Outside dimensions (B) x (D) x (H): 54.5 x 72 x 80 cm;	100.00



Lot	Number	Description	Starting Bid €
7	1	<b>fraction collector</b> Buchi, C-660, brand: Buchi; type: C-660; description: The fraction collector for FPLC (Fast protein liquid chromatography) of the Buchi brand type C-660 has been designed for optimal pumping of solvents in chromatographic columns. This fraction collector is able to separate gradients of 10 bar or 50 bar. The C-Buchi 660 can collect substances, according to the time, volume or peak (which is connected only when a UV-detector). During each run can be collected up to a maximum of 240 up to 12L in glass tubes . In addition, this fraction collector is sold including column. Further, this fraction collector can be connected to a computer via the RS-232 interface. Specifications Buchi C-660 fraction collector: Voltage: 100-230VAC 50 / 60Hz; Power: 75W; Outside dimensions (B) x (D) x (H): 53 x 47.5 x 68 cm; Technical Specification Buchi C-615 Pump Manager: Voltage: 27VDC; Power: 1W; Flow rate: 2.5 to 250 mL / min; Technical specifications; Buchi C-601 pump module; Voltage: 100-230VAC, 50 / 60Hz Power: 75W; Maximum Operating Pressure: 10 bar (145 psi) for the C-601 pump module, and 50 bar (725 psi) for the C-605 pump module;	100.00
8	1	<b>polishing machine</b> Struers, Targetmaster, brand: Struers; type: Targetmaster; description: The polishing machine of the brand Struers type Target Master is ideal for polishing of different preparations. Struers Target Master comes with automatic dosing and TargetDoser TargetZ setup station. The dosing station comprises seven pumps (six pumps for suspensions and a pump for OP-suspension), thirteen pre-programmed methods and 200 accommodates methods that can be defined by the user. The TargetZ is equipped with a 15 inch TFT display video monitor for the monitoring and uitlijningvan external (visible) targets in a sample. Specifications Target Master polishing machine : Voltage: 200-240V, 50-60Hz; Current: 5 / 8A; Strength: 10-75 N in 5 N; Outside dimensions (B) x (D) x (H): 72 x 75.5 x 56 cm; Technical specifications TargetDoser dosing: Voltage: 24V; DC Current: 0.4 / 1.6A; Outside dimensions (B) x (D) x (H): 20 x 19 x 37 cm; Technical specifications Target Z: Outside dimensions (B) x (D) x (H): 25 x 22.5 x 46 cm;	1,000.00
9	1	<b>scale</b> Mettler, AE200 balans, brand: Mettler; type: AE200 balans; description: The balance of the Mettler brand type AE200 is ideal for accurately weighing light materials with a maximum weight of 205 grams. Technical specifications: Voltage: 100-120V / 200-240V, 50 / 60Hz; Power: 10VA; Weighing range: 0 to 205 g; Readability: 0.1 mg; Diameter platform: 8 cm; Outside dimensions (B) x (D) x (H): 20 x 41 x 28.5 cm;	10.00
10	1	<b>analytical scale</b> Mettler, XP205, brand: Mettler; type: XP205; description: The balance of the Mettler brand type XP205 ideal for accurately weighing different materials. This balance has several features including weigh percentage and density determination mode. Further, the Mettler XP205 equipped with Bluetooth link, and a RS-232 interface, by which this balance could be coupled to a printer including a. The Mettler XP205 can be controlled via the touch screen .; Technical specifications: Voltage: 100-240V, 50 / 60Hz; Current: 0.8A; Maximum capacity: 81 / 220g; Minimum capacity: 1g; Readability: 0.01 / 0.1mg; Plateau dimensions (L) x (B) is: 8 x 8 cm; Outside dimensions (B) x (D) x (H): 26 x 45 x 32 cm;	100.00
12	1	<b>uvr sample handler</b> Philips/panalytical, PW3100/00-cubix xrd, brand: Philips/panalytical; type: PW3100/00-cubix xrd; description: 230V; current: 8.5 Kva;	1,000.00
13	1	<b>liquid handling system (parts only)</b> Tecan, Freedom evo 150, brand: Tecan; type: Freedom evo 150; electric connection: 230 V; total dimension L: 1500 mm; total dimension W: 760 mm; total dimension H: 8750 mm; description: pay attention! suitable for parts / parts only;	1,000.00
14	1	<b>pipetting robot</b> Perkin-elmer, Janus, brand: Perkin-elmer; type: Janus; electric connection: 230 V; total dimension L: 1540 mm; total dimension W: 780 mm; total dimension H: 850 mm; description: power: 350 VA; gripper arm model number: ALJ8G01;	1,000.00





Lot	Number	Description	Starting Bid €
15	1	<b>hplc / fplc system</b> brand: Akta; type: Explorer frac 950/monitor ph:c-900/pump 900/monitor uv900; electric connection: 230 V; total dimension L: 500 mm; total dimension W: 520 mm; total dimension H: 610 mm; description: power: 600VA;	100.00
16	1	<b>bioreactor</b> Applikon, Ez control, brand: Applikon; type: Ez control; description: Applikon bioreactor, type Ez-Control; year of manufacturer : 2012; Voltage: 110-120 / 220-240V - 50 / 60Hz; Power: 200 / 400VA content of reactor: 22 liters; Overall dimensions 1 - LxWxH: 370x400x710 mm (controller); Overall dimensions 2 - LxWxH: 350x1100 mm (reactor); Software: call with IP address in browser (freely available) Manuals: supplied on a USB stick. Further information see link: Continue <a href="http://www.applikon-biotechnology.com/en-us/products/process-control/ez-control/">www.applikon-biotechnology.com/en-us/products/process-control/ez-control/</a> including: pH and DO electrode including cables temperature sensor level sensor cable flap;	100.00
© 17	1	<b>hplc module</b> Agilent, 1200 serie G1311A, brand: Agilent; type: 1200 serie G1311A; description: The HPLC of the Agilent brand type 1200 series is supplied with the system G1311A quaternary pump, binary pump G1312A, and G1322A degasser vacuum. The Agilent 1200 Series HPLC can be used for both analytical and production applications. This HPLC is supplied without software. Technical specifications: Voltage: 100-120 / 220-240V, 50 / 60Hz; Power module G1322A: 30W; Power module G1311A: 180VA; Power module G1312A: 220VA; Outside dimensions (B) x (D) x (H): 34.5 x 45 x 41 cm;	100.00
© 18	1	<b>hplc module</b> Agilent, 1200 serie G1312A, brand: Agilent; type: 1200 serie G1312A; description: The HPLC of the Agilent brand type 1200 series is supplied with the system G1311A quaternary pump, binary pump G1312A, and G1322A degasser vacuum. The Agilent 1200 Series HPLC can be used for both analytical and production applications. This HPLC is supplied without software. Technical specifications: Voltage: 100-120 / 220-240V, 50 / 60Hz; Power module G1322A: 30W; Power module G1311A: 180VA; Power module G1312A: 220VA; Outside dimensions (B) x (D) x (H): 34.5 x 45 x 41 cm;	100.00
© 19	1	<b>hplc module</b> Agilent, 1200 serie G1322A, brand: Agilent; type: 1200 serie G1322A; description: The HPLC of the Agilent brand type 1200 series is supplied with the system G1311A quaternary pump, binary pump G1312A, and G1322A degasser vacuum. The Agilent 1200 Series HPLC can be used for both analytical and production applications. This HPLC is supplied without software. Technical specifications: Voltage: 100-120 / 220-240V, 50 / 60Hz; Power module G1322A: 30W; Power module G1311A: 180VA; Power module G1312A: 220VA; Outside dimensions (B) x (D) x (H): 34.5 x 45 x 41 cm;	100.00
<b>HPLC &amp; UHPLC systems A</b>			
20	1	<b>mercury analyzer</b> Leeman-labs-inc, Hydra, brand: Leeman-labs-inc; type: Hydra;	100.00
21	1	<b>filtration system</b> Pall, Maxim tff, brand: Pall; type: Maxim tff; description: including 10 glass reservoir; manual present;	100.00
22	1	<b>anaerobic workstation / glovebox</b> Don whitley scientific, Va500, brand: Don whitley scientific; type: Va500; dimension L: 1040 mm; dimension W: 640 mm; dimension H: 800 mm; description: the VA500 offers room for incubating 700 petri dishes with a Ø of 9 cm;	100.00
23	1	<b>gc system</b> Hp/ Agilent, 6890 plus, brand: Hp/ Agilent; type: 6890 plus; electric connection: 230 V; total dimension L: 900 mm; total dimension W: 520 mm; total dimension H: 880 mm; description: power 2250VA; comes complete with computer and software;	100.00



Lot	Number	Description	Starting Bid €
24	1	<b>sterilisator</b> Fedegari, Fva3, brand: Fedegari; type: Fva3; capacity: 140 l; chamber dimension W: 500 mm; chamber dimension H: 700 mm; electric connection: 400 V; total dimension L: 1135 mm; total dimension W: 570 mm; total dimension H: 1220 mm; description: max. pressure 2.8 bar;	100.00
25	1	<b>liquid handling system</b> Perkin-elmer, Multiprobe II plus 01, brand: Perkin-elmer; type: Multiprobe II plus 01; electric connection: 230 V; total dimension L: 1460 mm; total dimension W: 900 mm; total dimension H: 800 mm; description: dosing volume: from 100nL;	100.00
26	1	<b>gc system</b> Varian, Cp3380/cp8410, brand: Varian; type: Cp3380/cp8410; description: The gas chromatograph of the mark Varian type CP-3380 has been designed for qualitative and quantitative determinations. For example, the Varian CP-3380 is ideal for the determination of the composition of a sample, drugs in body fluid, reaction kinetics, and for the detection of drugs and explosives. Continue turning the computer on Windows XP. Technical specifications: Voltage: 230V 50 / 60Hz; Power: 2400VA; Autosampler: Varian CP-8410; Inlets: H2 - Air - Make Up - Carrier; Outside dimensions (B) x (D) x (H): 81 x 56 x 85 cm;	100.00
27	1	<b>bioreactor</b> Applikon, My control, brand: Applikon; type: My control; description: Applikon bioreactor, type My Control; year of manufacturer : 2016; Voltage: 110-120 / 220-240V - 50 / 60Hz; Power: 200 / 400VA; Overall dimensions 1 - LxWxH: 190x360x350 cm (controller); Overall dimensions 2 - LxWxH: 340x930 mm (reactor); Software: call with IP address in browser (freely available); Manuals: Included on USB stick; Further information see link: <a href="http://www.applikon-biotechnology.com/en/products/process-control/my-control/">www.applikon-biotechnology.com/en/products/process-control/my-control/</a> ; Further including: pH and DO electrode including cables, temperature sensor, level sensor cable, valve;	100.00
28	1	<b>biohazard cupboard</b> Cleanair, Cb/cs6, brand: Cleanair; type: Cb/cs6; class: IIB; HEPA filter: yes; electric connection: 230 V; total dimension L: 1900 mm; total dimension W: 835 mm; total dimension H: 2300 mm; description: vv lighting ; gas valve; vacuum valve; 3 sockets; hepa filter: 12x H12; downflow filter: 18P6 +; exhaust filter: 6P7;	100.00
29	1	<b>cytometer</b> Beckman,coulter, Epics xl-mcl, brand: Beckman,coulter; type: Epics xl-mcl; dimension L: 610 mm; dimension W: 572 mm; dimension H: 508 mm; description: 220V; 7.7 A; 1.7 Kva;	100.00
30	1	<b>vacuum pump</b> Edwards, II-70, serial number 017145198, brand: Edwards; type: II-70; serial number: 017145198; capacity: 70000 l/hr; own weight: 230 kg; description: up to 0.05 mbar;	100.00
31	1	<b>microplate washer and stacker</b> Skatron, Skanwasher 300 versie b en skanstacker 12201, brand: Skatron; type: Skanwasher 300 versie b en skanstacker 12201; electric connection: 230 V; total dimension L: 660 mm; total dimension W: 340 mm; total dimension H: 600 mm; description: suitable for 96-well microplates; cell culture, DNA purification, etc;	100.00
32	1	<b>gc system</b> Finnigan/interscience, Fid trace, brand: Finnigan/interscience; type: Fid trace; electric connection: 230 V; description: including software; chrom-card data system version 2.7;	100.00
33	1	<b>diagnostic research system-multiplication and detection dna and rna pc</b> Roche, Cobas amplicor, brand: Roche; type: Cobas amplicor; dimension L: 570 mm; dimension W: 410 mm; dimension H: 850 mm; description: 220V;	100.00
34	1	<b>biohazard cupboard</b> brand: Cleanair; type: Ca/rsv4; class: 2a/2b; electric connection: 230 V; total dimension L: 1290 mm; total dimension W: 830 mm; total dimension H: 2220 mm; description: equipped with undercarriage; inner size 120 x 58.5 x 70 cm; 0.63 Kw; ebm fan; downflow filter 12P6; exhaustfilter 4p6; prefilterb108 x 40 cm; L-side inputs 1 x gas, vacuum, and 1x 1x socket; Counter 1: 225.37 h; count 2: 10853.28 h;	100.00





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35	1	<b>micro viscometer</b> Anton-paar, Amvn, brand: Anton-paar; type: Amvn; dimension L: 295 mm; dimension W: 320 mm; dimension H: 340 mm; description: 230V; power 75VA; viscosity range: 0.3 mPa.s to 1000 mPa.s;	100.00
36	1	<b>gc system</b> Hewlett-packard, 5890 series II, brand: Hewlett-packard; type: 5890 series II; electric connection: 230 V; total dimension L: 515 mm; total dimension W: 465 mm; total dimension H: 664 mm; description: 2200 VA max; detector 1x FID and 1x NPD; injection 1x oncolumn and 1x splitless; including PC and software;	100.00
37	1	<b>gc / ms system</b> Varian, 3900 + 2000 + cp-8400, brand: Varian; type: 3900 + 2000 + cp-8400; description: GC / MS of Varian, type 3900 + 2000 + CP-8400; Varian 3900: Voltage: 230V - 50 / 60Hz; Power: 1500VA; year of manufacturer : 01-09-2003; Overall dimensions LxWxH: 320x600x950 mm; Varian Saturn 2000: Voltage: 230V - 50 / 60Hz; Power: 1440VA; year of manufacturer : 20-10-2003; Overall dimensions LxWxH: 285x560x450 mm; Further information see link: <a href="http://www.hylandscientific.com/product.aspx?itemid=1383&amp;prodid=9490&amp;pagetitle=Varian-Saturn-2000-series-Ion-Trap-GC%2FMS-with-CP-3800-GC;">www.hylandscientific.com/product.aspx?itemid=1383&amp;prodid=9490&amp;pagetitle=Varian-Saturn-2000-series-Ion-Trap-GC%2FMS-with-CP-3800-GC</a> ;	100.00
38	1	<b>hplc system</b> Varian, 210-320-400, brand: Varian; type: 210-320-400; description: HPLC system Varian series 400-320 - 210, in working condition; Varian 400: Voltage: 115/230 - 50 / 60Hz; Power: 150VA; year of manufacturer : 2003; Overall dimensions LxWxH: 300x445x270 mm; Varian 320: Voltage: 100 / 240V - 50 / 60Hz; Power: 145VA; year of manufacturer : 2003; Overall dimensions LxWxH: 290x475x150 mm; Varian 210: Voltage: 230V - 50 / 60Hz; Power: 270VA; year of manufacturer : 23-10-2003; Overall dimensions LxWxH: 290x475x200 mm; Further information see link: <a href="https://www.artisanng.com/Scientific/70265-1/Agilent_Varian_ProStar_210_Solvent_Delivery_Module">https://www.artisanng.com/Scientific/70265-1/Agilent_Varian_ProStar_210_Solvent_Delivery_Module</a> ; <a href="http://www.speciation.net/Database/Instruments/Varian-Inc/ProStar-400-Autosampler-;i2361">http://www.speciation.net/Database/Instruments/Varian-Inc/ProStar-400-Autosampler-;i2361</a> ;	100.00
39	1	<b>Molecular-devices spectrophotometer</b> brand: Melecular-devices; type: Md384+; wavelength range: 1000 nm; light source: Xenon flash lamp; detector UV/Vis: yes; electric connection: 230 V; total dimension L: 220 mm; total dimension W: 580 mm; total dimension H: 390 mm; description: including software;	100.00
40	1	<b>fpic system</b> Akta, Prime, brand: Akta; type: Prime; UV detection: yes; electric connection: 230 V; total dimension L: 260 mm; total dimension W: 500 mm; total dimension H: 500 mm;	100.00
41	1	<b>powder tester</b> Pharmatest, Ptg-sr, brand: Pharmatest; type: Ptg-sr; description: Powder tester from Pharma Test with built Sartorius balance; Powder Tester: year of manufacturer : 2005; Voltage: 230V; Current: 0.1A; Power: 23W; Dimensions LxWxH: 430x500x850 mm; Sartorius Balance: type : wz523; Maximum weighing range: 520g; Accuracy: 0.001g;	100.00
42	1	<b>dad + mwd detector</b> Agilent, 1100 serie g1315b, brand: Agilent; type: 1100 serie g1315b; electric connection: 230 V; total dimension L: 350 mm; total dimension W: 440 mm; total dimension H: 150 mm; description: power 300VA; wavelength range 150 - 900 nm;	100.00
43	1	<b>microscope</b> Leica, Dmlb, brand: Leica; type: Dmlb; electric connection: 230 V; total dimension L: 340 mm; total dimension W: 650 mm; total dimension H: 620 mm; description: Lens 4x 507 802 hc approx 10x / 20; 1x lens type 506 014 fludtar 40x / 0.70 ph2: 1x 506084810x a plan 10x / 0.25 ph1 ;; 1x 506 089 100x 100x plan n / 1:25 ph3;	100.00



Lot	Number	Description	Starting Bid €
44	1	<b>fluorimeter</b> Thermo-scientific, Ascent 374, brand: Thermo-scientific; type: Ascent 374; light source: Quartz-halogen lamp; detector UV/Vis: yes; electric connection: 230 V; total dimension L: 420 mm; total dimension W: 430 mm; total dimension H: 330 mm; description: including computer and software; 1 includes reagent dispenser; suitable for 1 to 384-well plates; power 200VA; Detector: photomultiplier tube;	100.00
45	1	<b>titroprocessor</b> Metrohm, 726, brand: Metrohm; type: 726; electric connection: 230 V; total dimension L: 395 mm; total dimension W: 485 mm; total dimension H: 200 mm; description: 160VA power;	100.00
46	1	<b>dishwasher</b> Smeg, Gw 4050, brand: Smeg; type: Gw 4050; total dimension L: 900 mm; total dimension W: 680 mm; total dimension H: 850 mm; description: 380V; 7 kw;	100.00
47	1	<b>water distillation system</b> Millipore, Mille Q a10, brand: Millipore; type: Mille Q a10; capacity: 120 l/hr; electric connection: 230 V; total dimension L: 320 mm; total dimension W: 350 mm; total dimension H: 500 mm; description: current 2.5 A; power 160 VA; TOC value pure water: 5 ppb;	100.00
48	1	<b>rendering device for kjeldahl determinations</b> Gerhardt, Kjeldatherm kb20, brand: Gerhardt; type: Kjeldatherm kb20; dimension L: 460 mm; dimension W: 500 mm; dimension H: 740 mm; description: including 20 rendering tubes; 230V;	100.00
49	1	<b>gc / ms system + ion</b> Finnigan, Mat gcq, brand: Finnigan; type: Mat gcq; description: gas chromatograph coupled with mass spectrometer; including ion volume removal and insertion tool and 3 PC cards; no software available;	100.00
51	1	<b>centrifuge and pcr fluorescence meter</b> Roche, Lc caroussel + lightcycler 2.0, brand: Roche; type: Lc caroussel + lightcycler 2.0; dimension L: 270 mm; dimension W: 370 mm; dimension H: 285 mm; description: 230V; 3000 rpm;	100.00
52	1	<b>ri detector</b> Bisschoff, 8020, brand: Bisschoff; type: 8020; electric connection: 230 V; total dimension L: 260 mm; total dimension W: 370 mm; total dimension H: 125 mm;	100.00
53	1	<b>co2 incubator</b> Thermo scientific, 381, brand: Thermo scientific; type: 381; description: CO2 incubator brand Thermo Scientific type 381 is designed for sensitive incubation applications and ensures optimal cell growth. Furthermore, this incubator has the so-called "140 ° C sterilization cycle" program that effectively bacteria, fungi, yeast, mycoplasmas, and of removing any internal surfaces. Moreover, the HEPA air filtration filters the content of the incubator every 60 seconds. In this way, minimizing the risk of contamination. This CO2 incubator can be used eg in bio tissue engineering, in vitro fertilization (IVF) clinics and university hospitals. In addition, the Thermo Scientific 381 is provided with two shelves. Technical specifications: Voltage: 230V, 50 / 60Hz; Current: 4,4a; Temperature range: + 5 ° C above ambient to 50 ° C. CO2 range: 0 to 20%; Outside dimensions (B) x (D) x (H): 66 x 64 x 98 cm; Inside dimensions (B) x (D) x (H): 47 x 47 x 65 cm;	100.00
54	1	<b>uv / fish detector</b> Waters, 2489, brand: Waters; type: 2489;	100.00
55	1	<b>dishwasher</b> Miele, G7783, brand: Miele; type: G7783; description: Dishwasher of Miele, type G7783; Voltage: 400V 50Hz; Power 9.7kW; Overall dimensions LxWxH: 559x625x1090 mm; Drying Racks: 3 dishes including racks;	100.00



Lot	Number Description	Starting Bid €
56	<b>1 blood analysis device</b> Diamed, Id-gelstation plus, brand: Diamed; type: Id-gelstation plus; description: An apparatus for analysis of blood DiaMed, type Classic ID-Gelstation; Voltage: 00-120 / 220-240V - 50-60Hz; Power: 300W; Overall dimensions LxWxH: 1000x670x600 mm; PC: Windows SP Pro (supplied); Software: ID Gelstation ver.3.13 F; Further information see link: <a href="http://www.selectscience.net/products/classic-plus-id-gelstation/?prodID=114022">www.selectscience.net/products/classic-plus-id-gelstation/?prodID=114022</a> ;	100.00
57	<b>1 autosampler</b> Spark holland , Triathlon 900, brand: Spark holland ; type: Triathlon 900; electric connection: 230 V; total dimension L: 540 mm; total dimension W: 440 mm; total dimension H: 280 mm; description: capacity: 2 standard trays for 12 samples of 1.5 ml and 6 super lsv trays for 4 samples of 10 ml; analysis time up to 10 hours;	100.00
58	<b>1 shaking incubator</b> Gfl, 3032, brand: Gfl; type: 3032; electric connection: 230 V; total dimension L: 700 mm; total dimension W: 615 mm; total dimension H: 700 mm; description: with forced convection; shaking plate size 45 x 30 cm;	100.00
59	<b>1 refrigerated centrifuge</b> Jouan, Mr221, brand: Jouan; type: Mr221; cooled: yes; temperature range min.: -10 °c; temperature range max.: +40 °c; max. speed: 23000 rpm; electric connection: 230 V; total dimension L: 580 mm; total dimension W: 620 mm; total dimension H: 410 mm;	100.00
60	<b>1 40 tons baler</b> Herzog, Tp40/ 2d, brand: Herzog; type: Tp40/ 2d; total dimension L: 520 mm; total dimension W: 540 mm; total dimension H: 680 mm; description: Ø baler jig 40 mm;	100.00
61	<b>1 autosampler</b> Ctc, Htc, brand: Ctc; type: Htc; electric connection: 230 V; total dimension L: 680 mm; total dimension W: 590 mm; total dimension H: 650 mm; description: capacity 12x 96 deep well plates or 24x 96 well plates or 648x 2 ml tubes;	100.00
62	<b>1 cell grower</b> Sartorius, Biostat cultibag rm 20/50, brand: Sartorius; type: Biostat cultibag rm 20/50; electric connection: 230 V; total dimension L: 500 mm; total dimension W: 495 mm; total dimension H: 170 mm; description: including 20 and 50 liter hood; capacity 0.2 - 25 liters;	100.00
63	<b>1 water treatment system</b> Elga, Option-R 15, brand: Elga; type: Option-R 15; capacity: 15 l/hr; electric connection: 230 V; total dimension L: 550 mm; total dimension W: 270 mm; total dimension H: 460 mm;	100.00
64	<b>1 rendering block</b> Gerhardt, K20 kjeldahltherm, brand: Gerhardt; type: K20 kjeldahltherm; dimension L: 485 mm; dimension W: 500 mm; dimension H: 760 mm; description: including rack of tubes;	100.00
65	<b>1 centrifuge</b> Hettich, Rotixa/RP, brand: Hettich; type: Rotixa/RP; description: The centrifuge of the Hettich brand type Rotixa / RP 4200 has been designed for the separation of different components in a mixture. Furthermore, this centrifuge is provided with cooling. Hettich Rotixa / RP 4200 has a width of application, including research and routine laboratories in the life sciences industry, clinics and chemistry. Technical specifications: Voltage: 100-120 / 200-240V, 50 / 60Hz; Current: 14A Power: 2200W; Temperature range: -10 to +40 degrees; Maximum speed: 7500 rpm (depending on the rotor); type rotor: Hettich 5096; Rotor speed: up to 4000 rpm; Maximum weight rotor: 6x 250g; type bucket: Hettich 5091; Bucket inner size: 75 x 55 x 90 mm; type bet: Hettich 5248; Capacity utilization: 12 places for tubes with Ø18 mm x 80 mm; Outside dimensions (B) x (D) x (H): 66 x 83 x 103 cm;	100.00
66	<b>1 reverse osmosis device</b> Christ permaq, Pico 2, brand: Christ permaq; type: Pico 2; total dimension L: 590 mm; total dimension W: 800 mm; total dimension H: 480 mm;	100.00
67	<b>1 microtome</b> Minitome, IEC, brand: Minitome; type: IEC;	100.00
68	<b>1 freeze dryer</b> Finn-aqua, Lyovac G2, brand: Finn-aqua; type: Lyovac G2;	100.00



Lot	Number	Description	Starting Bid €
69	1	<b>biohazard cupboard</b> Cleanair, CA/C6, brand: Cleanair; type: CA/C6; class: IIB; HEPA filter: yes; total dimension L: 1900 mm; total dimension W: 840 mm; total dimension H: 2330 mm; description: Down HEPA filter (EN 1822): 18P6 + Exhaust HEPA filter: 7P6; The biohazard cabinet brand Clean Air type CA / C6 class 2B is designed for microbiological testing of biological agents such as bacteria, viruses and allergens. Clean Air CA / C6 is equipped with 2x socket connectors; 2x gasaanlsuiting; 2x vacuum connection;	100.00
70	1	<b>linear rotary rake</b> Edmund buhler, VKS75B, brand: Edmund buhler; type: VKS75B; description: The rotary rake of the mark Edmund Buhler type VKS75B is particularly suited for the generation of linear movements for the shaking and mixing of liquids. The rotary rake is ideal for beakers, flasks, bottles, petri dishes and vessels. Technical specifications: Voltage: 230V, 50 / 60Hz; Current: 1.6A; Speed: 0-200 rpm; Dimensions plate: 80 x 60 x 7 cm; Outside dimensions (B) x (D) x (H): 106 x 83 x 37 cm;	100.00
71	1	<b>hplc pump</b> Dionex, P580A HPG/4, brand: Dionex; type: P580A HPG/4; total dimension L: 410 mm; total dimension W: 480 mm; total dimension H: 160 mm;	100.00
72	1	<b>hplc pump</b> Dionex, P580A HPG, brand: Dionex; type: P580A HPG; total dimension L: 410 mm; total dimension W: 480 mm; total dimension H: 160 mm;	100.00
73	1	<b>co2 incubator</b> Forma-scientific, 3111, brand: Forma-scientific; type: 3111; max. temperature: 55 °C; electric connection: 230 V; total dimension L: 660 mm; total dimension W: 635 mm; total dimension H: 985 mm; description: capacity 184 l;	100.00
74	1	<b>pcr device</b> Eppendorf, Mastercycler EP gradient S, brand: Eppendorf; type: Mastercycler EP gradient S; total dimension L: 540 mm; total dimension W: 300 mm; total dimension H: 250 mm; description: temp. range block +4 to +99 degrees; gradient block over 12 rows; gradient ranges + 1 to +24 degrees; control accuracy + - 0.2 degrees;	100.00
75	1	<b>eccentric screw pump</b> total dimension L: 465 mm; total dimension W: 1350 mm; total dimension H: 680 mm; description: supply Ø 5 cm; drain Ø 3.5 cm; stepless speed control;	100.00
76	1	<b>spectrophotometer</b> Hitachi, U-1900, brand: Hitachi; type: U-1900; wavelength range: 1100 nm; bandwidth: 4 nm; light source: WI en D2 lampen; detector UV/Vis: yes; digital control: yes; total dimension L: 380 mm; total dimension W: 643 mm; total dimension H: 311 mm;	100.00
77	1	<b>co2 incubator</b> Forma-scientific, 3035, brand: Forma-scientific; type: 3035; description: CO2 incubator brand Thermo Scientific type 3035 is ideal for optimal cell growth and is therefore suitable for sensitive incubation applications. Technical specifications: Voltage: 230V, 50Hz; Current: 4A; Temperature range: up to 60 ° C; Temperature alarm sensor: Platinum probe; Readout Temperature: 0.1 ° C; Temperature setting: increments of 0.1 ° C; CO2 Inlet Pressure: 10 PSIG; CO2 sensor: infrared; CO2 controller: microprocessor; Readability CO2: 0.1%; Adjustability of CO2: 0.1%; Outside dimensions (B) x (D) x (H): 102.5 x 67.5 x 100 cm; Inside dimensions (B) x (D) x (H): 65 x 50 x 81 cm; RH (relative humidity) is not functioning optimally;	100.00
78	1	<b>washer</b> Bio-rad, PW41, brand: Bio-rad; type: PW41; total dimension L: 530 mm; total dimension W: 243 mm; total dimension H: 368 mm; description: with built-in vacuum and dispersion pump;	100.00
79	1	<b>microplate reader</b> Tecan, Sunrise, brand: Tecan; type: Sunrise; total dimension L: 290 mm; total dimension W: 335 mm; total dimension H: 135 mm; description: including computer and software; with 1x basic; remote (with the bar code reader); filters;	100.00



Lot	Number	Description	Starting Bid €
© 80	1	<b>isocratic pump</b> Agilent, 1100 serie-G1310A, brand: Agilent; type: 1100 serie-G1310A;	100.00
© 81	1	<b>isocratic pump</b> Agilent, 1100 serie-G1310A, brand: Agilent; type: 1100 serie-G1310A;	100.00
© 82	1	<b>diode array detector</b> Agilent, 1100 serie-G1315A, brand: Agilent; type: 1100 serie-G1315A;	100.00
© 83	1	<b>thermostat column compartment</b> Agilent, 1100 serie-G1316A, brand: Agilent; type: 1100 serie-G1316A;	100.00
© 84	1	<b>degasser</b> Agilent, 1100 serie-G1379A, brand: Agilent; type: 1100 serie-G1379A;	100.00
© 85	1	<b>eluens bottle bin</b> Agilent, 1100 serie, brand: Agilent; type: 1100 serie;	100.00
<b>HPLC &amp; UHPLC systems B</b>			
86	1	<b>hplc detector with pump</b> Shimadzu, CDD-6A/LP-6A, brand: Shimadzu; type: CDD-6A/LP-6A; description: consisting of CDD-6A detector conductiviteits with LP-6A liquid delivery pump / LC-6A pump;	100.00
87	1	<b>bio controller</b> Applikon, ADI 1030S, year built 1995, brand: Applikon; type: ADI 1030S; year: 1995; total dimension L: 340 mm; total dimension W: 430 mm; total dimension H: 150 mm;	100.00
88	1	<b>compressor</b> Carat, 204, brand: Carat; type: 204; power: 2 kW; total dimension L: 500 mm; total dimension W: 750 mm; total dimension H: 760 mm; description: oil-free compressor ; 200 l / min; working hours : 414 hrs;	100.00
89	1	<b>polishing machine</b> Buehler, Ecomet II, brand: Buehler; type: Ecomet II; total dimension L: 335 mm; total dimension W: 600 mm; total dimension H: 430 mm; description: Ø polishing disc 20.5 cm;	100.00
90	1	<b>nitrogen analysis device</b> Leco, Truspec N2 analyzer, brand: Leco; type: Truspec N2 analyzer; description: The nitrogen of the Leco analyzer brand type TruSpec N (model: 630-100-200) was designed for the measurement of the amount of nitrogen, carbon and hydrogen in a sample. The Leco TruSpec N is based on the Duma's combustion method. Technical specifications: Voltage: 230V 50 / 60Hz; Current: 12A; Sample size: not more than 1 g; Analysis time: 4 minutes; Outside dimensions (B) x (D) x (H): 68.5 x 72 x 79 cm;	100.00
91	1	<b>autosampler</b> Hp, 1050, brand: Hp; type: 1050; total dimension L: 530 mm; total dimension W: 200 mm; total dimension H: 320 mm; description: capacity of 21 ampoules;	100.00
92	1	<b>storage tank</b> Millipore, ZFRE5P200, brand: Millipore; type: ZFRE5P200; total dimension L: 670 mm; total dimension W: 600 mm; total dimension H: 1020 mm; description: content 200 ltr;	100.00
93	1	<b>microscope</b> Zeiss, Axioplan, brand: Zeiss; type: Axioplan; description: Microscope from Zeiss, type Axioplan; Voltage: 220-240V - 50 / 60Hz; Power: 170VA; Overall dimensions LxWxH: 260x480x550 mm; Lenses: PI 2x 10x / 25; Objectives: Plan Neofluar 1.25x / 0035; Plan Neofluar 2.5x / 0075; Plan Neofluar 10x / 0.30; Plan Neofluar 20x / 0.50; Plan Neofluar 40x / 0.75; Plan Neofluar 00x / 1.3;	100.00
94	1	<b>wavelength detector</b> Waters, TUV-486, brand: Waters; type: TUV-486; electric connection: 230 V; total dimension L: 290 mm; total dimension W: 540 mm; total dimension H: 230 mm; description: variable wavelength detector equipped with new UV lamp; wavelength range of 190 ... 600 nm; 8 nm bandwidth;	100.00
95	1	<b>co2 incubator</b> Sanyo, MCO-17AIC, brand: Sanyo; type: MCO-17AIC; total dimension L: 620 mm; total dimension W: 685 mm; total dimension H: 900 mm; description: temperature range above the omgevingstemperatuur +5 to 50 degrees; CO2 range: 0-20%; content 164 ltr;	100.00





Lot	Number	Description	Starting Bid €
96	1	<b>co2 incubator</b> Sanyo, MCO-17AIC, brand: Sanyo; type: MCO-17AIC; total dimension L: 620 mm; total dimension W: 685 mm; total dimension H: 900 mm; description: temperature range above the omgevingstemperatuur +5 to 50 degrees; CO2 range: 0-20%; content 164 ltr;	100.00
97	1	<b>lc pump</b> Perkin elmer, 200 serie, brand: Perkin elmer; type: 200 serie; description: The HPLC pump is of the brand Perkin Elmer type 200 Series LC is ideal for HPLC applications. This pump provides a high pressure, so that the mobile phase is forced through the column. Technical specifications: Voltage: 100-120V / 220 / 240V; Power: 1.6 / 0.8 A; Power: 120VA; Outside dimensions (B) x (D) x (H): 34 x 49 x 17 cm;	100.00
98	1	<b>intelligent sampler</b> Jasco, 851AS, brand: Jasco; type: 851AS; total dimension L: 470 mm; total dimension W: 300 mm; total dimension H: 320 mm;	100.00
99	1	<b>sampling device</b> Watersam, WS porti 1, brand: Watersam; type: WS porti 1; total dimension L: 675 mm; total dimension W: 545 mm; total dimension H: 1330 mm;	100.00
100	1	<b>vacuum centrifuge</b> Savant, Speedvac dna110-230, brand: Savant; type: Speedvac dna110-230; electric connection: 230 V; total dimension L: 630 mm; total dimension W: 325 mm; total dimension H: 340 mm; description: evaporator centrifuge with built-in vacuum pump; roto suitable for eppendorf cups;	100.00
101	1	<b>hose pump</b> Masterflex, I/P, brand: Masterflex; type: I/P; electric connection: 230 V; total dimension L: 220 mm; total dimension W: 230 mm; total dimension H: 120 mm; description: self-priming; pump head: 7019-53; size pump head: 42 x 14 x 16 cm; speed: 20-650 rpm;	100.00
102	1	<b>moisture meter</b> Du-pont, 903, brand: Du-pont; type: 903; dimension L: 220 mm; dimension W: 470 mm; dimension H: 310 mm;	100.00
103	1	<b>heat extractor</b> Foss, Fibertec 1017 system M2, brand: Foss; type: Fibertec 1017 system M2; description: The warm extractor of the Foss brand type Fibertec 1020 M6 is ideal for the determination of the quantity of raw or detergent fiber, cellulose, and hemicellulose in a sample. Additionally, the Foss Fibertec 1017 System M2 capacity of six tubes . Technical specifications: Voltage: 200-240V 50 / 60Hz; Current: 5A; Power: 600 / 700W; Outside dimensions (B) x (D) x (H): 34 x 29 x 60 cm;	100.00
104	1	<b>preparation tank</b> Sing, Bereidingstank, brand: Sing; type: Bereidingstank; stainless steel: yes; description: content : 300L; dimensions (ø) x (H): 900 x 1600 mm;	100.00
105	1	<b>spectrophotometer</b> Pharmacia, Novaspec II, brand: Pharmacia; type: Novaspec II; description: Spectrophotometer from Pharmacia, type Nova Spec II; Voltage: 100-120 / 200-240V - 50 / 60Hz; Power: 55VA; Overall dimensions LxWxH: 245x360x185 mm; Further information see link: <a href="http://www.geminibv.nl/labware/lkb-novaspec-4049-spectrofotometer">www.geminibv.nl/labware/lkb-novaspec-4049-spectrofotometer</a> ;	100.00
106	1	<b>gene amp pcr system</b> Perkin-elmer, 9600, brand: Perkin-elmer; type: 9600; total dimension L: 620 mm; total dimension W: 520 mm; total dimension H: 310 mm;	100.00
107	1	<b>flow cabinet</b> Cleanair, 3 MAS 600 SS special, brand: Cleanair; type: 3 MAS 600 SS special; total dimension L: 760 mm; total dimension W: 1060 mm; total dimension H: 1950 mm; description: downflow unit;	100.00
108	1	<b>luminometer</b> Celsis-lumac, Biocounter M1500, brand: Celsis-lumac; type: Biocounter M1500; dimension L: 375 mm; dimension W: 167 mm; dimension H: 120 mm;	100.00



Lot	Number	Description	Starting Bid €
109	1	<b>programmable wavelength detector</b> Milton-roy, SM4000, brand: Milton-roy; type: SM4000; dimension L: 470 mm; dimension W: 160 mm; dimension H: 340 mm;	100.00
110	1	<b>centrifuge</b> Funke-gerber, Super Quatro, brand: Funke-gerber; type: Super Quatro; max. speed: 1100 rpm; total dimension L: 620 mm; total dimension W: 610 mm; total dimension H: 590 mm; description: suitable for fat determination in milk; free-swinging rotor with a capacity of 36 tubes; max filling weight 125 g;	100.00
111	1	<b>cooling incubator</b> Sanyo, MPR 1411 tec control, brand: Sanyo; type: MPR 1411 tec control; electric connection: 230 V; total dimension L: 920 mm; total dimension W: 1430 mm; total dimension H: 1950 mm; description: equipped with fan;	100.00
112	1	<b>hplc pump</b> Knauer, K-120, brand: Knauer; type: K-120; total dimension L: 210 mm; total dimension W: 105 mm; total dimension H: 100 mm; description: double piston pump;	100.00
113	1	<b>hplc pump</b> Knauer, K-120, brand: Knauer; type: K-120; total dimension L: 210 mm; total dimension W: 105 mm; total dimension H: 100 mm; description: double piston pump;	100.00
114	1	<b>refrigerator freezer</b> Afinox, IX700, brand: Afinox; type: IX700; content: 470 l; temperature range min.: 5 °c; temperature range max.: -10 °c; electric connection: 230 V; total dimension L: 830 mm; total dimension W: 700 mm; total dimension H: 2080 mm; description: with forced convection; R404a;	100.00
115	1	<b>vacuum pump</b> Varian, DS602, brand: Varian; type: DS602; capacity: 25000 l/hr; total dimension L: 530 mm; total dimension W: 165 mm; total dimension H: 260 mm;	100.00
116	1	<b>vacuum pump with oil</b> Edwards, RV8, brand: Edwards; type: RV8; electric connection: 230 V; own weight: 29 kg; total dimension L: 160 mm; total dimension W: 470 mm; total dimension H: 270 mm; description: final vacuum 2x10 <sup>-3</sup> mbar; gas ballast 1 8x10 <sup>-3</sup> ; standard: Ex II3 Gc IIB T4;	100.00
117	1	<b>microplate stacker</b> Molecular devices, Stakmax, brand: Molecular devices; type: Stakmax; description: The microplate stacker brand Molecular Devices type StakMax is designed to manage 96- and 384-well microplates in favor of high throughput experiments. This microplate stacker is compatible with a range of microplate readers. Furthermore, this microplate stacker is supplied including the SoftMax Pro v5.2 program. Technical specifications: Voltage: + 24V; Current: 3A; Consistent with these microplate readers: • SpectraMax® Paradigm (multi-mode); • SpectraMax® M5E / M5 (multi-mode); • SpectraMax® M4 / M3 (multi-mode); • SpectraMax® M2e / M2 (dual-mode); • Gemini EM™ and Gemini™ XPS (fluorescence); • L • SpectraMax® SpectraMax® Plus384 (Serial # -MNR-xxxxx); • SpectraMax® 340PC384 (Serial # -LNR-xxxxx); • SpectraMax® 190 (Serial # -NNR-xxxxx); • VersaMax™ (Serial # -BNR-xxxxx; Outside dimensions (B) x (D) x (H): 51 x 44.5 x 47 cm; software is included;	100.00
118	1	<b>dust extractor</b> Spruyt-hillen, RW IV, brand: Spruyt-hillen; type: RW IV; description: Stofafzuigkast of Spruyt-Hillen, type RW IV; Voltage: 220V - 50-60Hz; Power: 45W; Speed: 1200 rpm; Internal dimensions LxWxH: 340x530x390 mm; Overall dimensions LxWxH: 340x180x340 mm; Further information see link: <a href="https://shop.spruyt-hillen.nl/nl-nl/product/c001079/hepa-stofafzuigkast-type-RW-iv;">https://shop.spruyt-hillen.nl/nl-nl/product/c001079/hepa-stofafzuigkast-type-RW-iv.</a> ;	100.00
119	1	<b>cogwheel pump</b> Verder, 2036, brand: Verder; type: 2036; total dimension L: 250 mm; total dimension W: 230 mm; total dimension H: 130 mm; description: gear dosing pump; continuously variable 0-3000 rpm; engine unit (200 to 3000 rpm); pump head: V015.12P;	100.00



Lot	Number	Description	Starting Bid €
120	1	<b>magnification device with camera</b> Vision-technology inc, Supervision, brand: Vision-technology inc; type: Supervision; description: plateau adjustable in all directions; working distance to lens variable from 19 to (using 4 separate platforms this distance can be reduced) 3.5 cm; plateau size 38 x 36 cm;	100.00
121	1	<b>particle collector</b> Waters, brand: Waters; electric connection: 230 V; total dimension L: 320 mm; total dimension W: 360 mm; total dimension H: 310 mm; description: with RS-232C connection; 120 places for vials with a Ø of 18 mm;	100.00
122	1	<b>microtome</b> Reichert, 1165/Rotocut, brand: Reichert; type: 1165/Rotocut; total dimension L: 350 mm; total dimension W: 340 mm; total dimension H: 225 mm; description: cutting thickness 0-20;	100.00
123	1	<b>hose pump</b> Watson-marlow, 505-S, brand: Watson-marlow; type: 505-S; total dimension L: 220 mm; total dimension W: 245 mm; total dimension H: 115 mm; description: max speed 220 rpm;	100.00
124	1	<b>double-walled hplc column</b> Pharmacia, K100/100, brand: Pharmacia; type: K100/100; total dimension H: 900 mm;	10.00
125	1	<b>incubator</b> Binder, BD115, brand: Binder; type: BD115; description: The incubator of the mark Binder type BD115 is particularly suitable for biochemical studies, hematological studies and microbiological studies. Further, this incubator can be used for stability testing, quality controls and for the cultivation of bacteria. In addition, this incubator is supplied including one shelf. Technical specifications: Voltage: 230V; Power: 0,4kW; Current: 1,8A; Maximum operating temperature range: 100 ° C; Outside dimensions (B) x (D) x (H): 72 x 83.5 x 70 cm; Inside dimensions (B) x (D) x (H): 60 x 40 x 46 cm;	10.00
126	1	<b>flowmeter</b> Endress & hauser, Proline promag 33A, brand: Endress & hauser; type: Proline promag 33A;	10.00
127	1	<b>flowmeter</b> Endress & hauser, Proline promag 53, brand: Endress & hauser; type: Proline promag 53;	10.00
128	1	<b>dispenser</b> Thermo/ matrix, Wellmate, brand: Thermo/ matrix; type: Wellmate; description: The automatic dispenser of the brand Thermoplastic Matrix type Wellmate is designed to carry out extremely accurate pipetting of volumes within a range of 1 to 2000 microliters. Furthermore, the Thermo Matrix Wellmate capable of pipetting in both 96 and 384 well plates in. Technical specifications: Voltage: 100-240V, 50 / 60Hz; Power: 50VA; Outside dimensions (B) x (D) x (H): 37 x 30 x 22 cm;	10.00
129	1	<b>autosampler</b> AS800, type: AS800;	10.00
130	1	<b>freeze dryer</b> Sing, Freeze Drier Sing brand, including rotating compressor -vacuümpomp. Pump Specifications: year of manufacturer : 2015; Pump speed: 4 L / C; Maximum pressure: 6x10 <sup>-2</sup> Pa; Engine power: 0.55 kW; Lyophilizer specifications: Voltage: 220V (+/- 10%) - 50Hz; Cold trap temperature: -550C; Limit vacuum: <10Pa (empty); Safety class: IB	10.00
131	1	<b>air sampler</b> Biomerieux , Air deal 3P, brand: Biomerieux ; type: Air deal 3P; total dimension L: 210 mm; total dimension W: 150 mm; total dimension H: 130 mm; description: voltage: 12V DC;	10.00
132	1	<b>hose pump</b> Gilson, Minipuls 3, brand: Gilson; type: Minipuls 3; total dimension L: 175 mm; total dimension W: 150 mm; total dimension H: 295 mm; description: speed: 0-48 rpm;	10.00



Lot	Number	Description	Starting Bid €
133	1	<b>fan</b> Vinitex, PV250/XV/71/2R, brand: Vinitex; type: PV250/XV/71/2R; description: The robust plastic fan of the Vinitex brand type PV250 / XV / 71/2 R is ideal for the extraction of moist, acidic or chemically contaminated vapors in, among other laboratories, chemical and petrochemical industry, printing, food and dairy industries, and paint spray booths. This fan is suitable for use in fume cupboards, laminar flow biohazard cabinets and cupboards. Technical specifications: Voltage: 230 / 400V; Current: 0,65A; Power: 0,12kW; Weight: 29 kg; Capacity: 1620 m3 / h; Outside dimensions (B) x (D) x (H): 68 x 58 x 86 cm;	10.00
134	1	<b>mixer</b> Wepa, Topitec, brand: Wepa; type: Topitec; description: The rotary rake of the mark Edmund Buhler type VKS75B is particularly suited for the generation of linear movements for the shaking and mixing of liquids. The rotary rake is ideal for beakers, flasks, bottles, petri dishes and vessels. Technical specifications: Voltage: 230V, 50 / 60Hz; Current: 1.6A; Speed: 0-200 rpm; Dimensions plate: 80 x 60 x 7 cm; Outside dimensions (B) x (D) x (H): 106 x 83 x 37 cm;	10.00
135	1	<b>pump</b> Masterflex, I/P, brand: Masterflex; type: I/P; description: Snake Pump Masterflex, type I / P, model 77411-00; Voltage: 115/230 - 50 / 60Hz; Power: 4.5 / 2.6A; Speed: 33-650 rpm; Overall dimensions LxWxH: 255x410x245 mm; Pump head: Masterflex Easy Load model 77602-00; Further information see link: <a href="http://www.coleparmer.com/i/masterflex-ip-precision-brushless-drive-with-remote-io-33-to-650-rpm/7741100">www.coleparmer.com/i/masterflex-ip-precision-brushless-drive-with-remote-io-33-to-650-rpm/7741100</a> ;	10.00
136	1	<b>hose pump</b> Costar, brand: Costar; description: flow rate adjustable from 0.5 to 4 liters per minute;	10.00
137	1	<b>titrator</b> Compudil, diluter , brand: Compudil; type: diluter ; total dimension L: 215 mm; total dimension W: 240 mm; total dimension H: 305 mm; description: complete with sprayer and manual (standard Hamilton sprayers);	10.00
138	1	<b>polarimeter</b> Optical activity, AA-5, brand: Optical activity; type: AA-5;	10.00
139	1	<b>pressure filter</b> Leitz, brand: Leitz; stainless steel: yes; description: leitz: Ø 36 cm; (H) 35 cm;	10.00
140	1	<b>fan</b> Vinitex, PV280, brand: Vinitex; type: PV280; total dimension L: 950 mm; total dimension W: 750 mm; total dimension H: 850 mm; description: speed: 2000 m3 / h; connection opening Ø 28 cm;	10.00
141	1	<b>fan</b> Vinitex, PV280, brand: Vinitex; type: PV280; total dimension L: 950 mm; total dimension W: 750 mm; total dimension H: 850 mm; description: speed: 2000 m3 / h; connection opening Ø 28 cm;	10.00
142	1	<b>chromatography column</b> Pharmacia, brand: Pharmacia; total dimension L: 380 mm; total dimension W: 390 mm; total dimension H: 860 mm; description: Ø tube 10 cm; tube height: adjustable from 5 to 40 cm; max capacity: 6 L;	10.00
143	1	<b>chromatography column</b> Pharmacia, brand: Pharmacia; total dimension L: 380 mm; total dimension W: 390 mm; total dimension H: 860 mm; description: Ø tube 10 cm; tube height: adjustable from 5 to 40 cm; max capacity: 6 L;	10.00
144	1	<b>shaking water bath</b> Gfl, 1083, brand: Gfl; type: 1083; description: The shaking water bath of the mark GFL type 1083 is designed for the heating and shaking of different samples with the aid of back-and-forth motion. The GFL 1083 is ideal for incubations, fermentations, homogenations, chemical and biochemical reactions. Technical specifications: Voltage: 230V, 50 / 60Hz; Power: 6.5 a; Power: 1,5kW; Speed: 10-250 rpm; Temperature range: 5 ° C above ambient to 99.9 ° C; Outside dimensions (B) x (D) x (H): 52 x 71.5 x 32 cm; Inside dimensions (B) x (D) x (H): 46 x 30.5 x 15.5 cm;	10.00



Lot	Number Description	Starting Bid €
145	<b>1 incubator</b> Memmert, BE500, brand: Memmert; type: BE500; description: The incubator brand Memmert type BE500 is designed for biochemical studies, hematological studies and microbiological studies. Further, this incubator can be used for stability testing, quality controls and for the cultivation of bacteria. In addition, this incubator is supplied complete with two shelves. Technical specifications: Voltage: 230V, 50-60Hz; Power: 900W; Current: 4A; Temperature range: up to 70°C; Outside dimensions (B) x (D) x (H): 71 x 55 x 76 cm; Inside dimensions (B) x (D) x (H): 55.5 x 36 x 48 cm;	10.00
146	<b>1 filling device</b> Ultralab, brand: Ultralab; total dimension L: 520 mm; total dimension W: 430 mm; total dimension H: 460 mm; description: accuracy: 0.5 grams;	10.00
147	<b>1 vacuum manifold</b> Waters, brand: Waters; total dimension L: 100 mm; total dimension W: 300 mm; total dimension H: 160 mm; description: vacuum chamber suitable for microfiltrations and SPE; suitable for 20 SPE columns;	10.00
148	<b>1 scrubber vacuum unit</b> Milestone, FAM-40/2, brand: Milestone; type: FAM-40/2; total dimension L: 500 mm; total dimension W: 340 mm; total dimension H: 490 mm;	10.00
149	<b>1 hose pump</b> Heidolph, PD5006, brand: Heidolph; type: PD5006; electric connection: 230 V; total dimension L: 275 mm; total dimension W: 180 mm; total dimension H: 215 mm; description: speed: 50-600 rpm;	10.00
150	<b>1 material microscope</b> Reichert , brand: Reichert ; total dimension L: 340 mm; total dimension W: 330 mm; total dimension H: 125 mm; description: transmitted light magnification 10x12 and 10x20;	10.00
151	<b>1 Mixing Equipment</b> Fischer scientific/IKA power gen 125, Ultra turrax met statief, brand: Fischer scientific/IKA power gen 125; type: Ultra turrax met statief; electric connection: 230 V; description: speed 8000-30,000rpm; max 100ml; max viscosity 5,000;	10.00
152	<b>1 Mixing Equipment</b> Fischer scientific/IKA power gen 125, Ultra turrax met statief, brand: Fischer scientific/IKA power gen 125; type: Ultra turrax met statief; electric connection: 230 V; description: speed 8000-30,000rpm; max 100ml; max viscosity 5,000;	10.00
153	<b>1 mixing equipment</b> Fischer scientific/IKA power gen 125, Ultra turrax met statief, brand: Fischer scientific/IKA power gen 125; type: Ultra turrax met statief; electric connection: 230 V; description: speed 8000-30,000rpm; max 100ml; max viscosity 5,000;	10.00
154	<b>1 purification equipment</b> Christ , P41 ministil, brand: Christ ; type: P41 ministil; total dimension L: 320 mm; total dimension W: 320 mm; total dimension H: 950 mm;	10.00
155	<b>1 Fume cupboard</b> Colasit holland , CMV 225-6, brand: Colasit holland ; type: CMV 225-6; electric connection: 230 V; total dimension L: 700 mm; total dimension W: 500 mm; total dimension H: 900 mm; description: suction opening 22 cm;	10.00
156	<b>1 Pallet scale</b> Prior , PAL-N-2236, brand: Prior ; type: PAL-N-2236; weight range max: 6000 g; readability: 100 g; electric connection: 230 V; total dimension L: 840 mm; total dimension W: 740 mm; total dimension H: 80 mm; description: without tripod;	10.00
157	<b>1 inverter</b> Mitsubishi, F700, brand: Mitsubishi; type: F700; electric connection: 400 V;	10.00
158	<b>1 glassware dryer</b> Gerhardt, STL 56, brand: Gerhardt; type: STL 56; total dimension L: 310 mm; total dimension W: 360 mm; total dimension H: 870 mm; description: 230 volts; 1000 watts;	10.00
159	<b>1 vacuum pump</b> Millipore, Milliflex plus, brand: Millipore; type: Milliflex plus; description: 24-30vdc; 25W;	10.00





Lot	Number Description	Starting Bid €
160	<b>1 coulometer</b> Metrohm, 737, brand: Metrohm; type: 737; description: The coulometers of the Metrohm brand type 737 are designed for the very precise determination of the water content in samples using the Karl Fischer method. The Metrohm 737 can be used for the determination of the amount of water for reaction processes in samples, where it is known that water has a detrimental contaminant. Furthermore, missing the Metrohm 6.0338.100 Indicator Electrode sensor in one of the coulometers. Technical specifications: Voltage: 100-117 / 220-240V, 50Hz; Power: 0.4 / 0.2A; Power: 36VA; Sensors - Metrohm 6.0339.000 Generator electrode; - Metrohm 6.0338.100 indicator electrode; Outside dimensions (B) x (D) x (H): 46 x 42 x 31 cm;	10.00
161	<b>1 freeze dryer</b> Christ, Alpha 1-5, brand: Christ; type: Alpha 1-5; description: Freeze Dryer of Christ, type Alpha 1-5; year of manufacturer : 1984; Voltage: 220V - 50Hz Power: 1kW; Temperature Range: -35 degrees measured; Overall dimensions: 380x500x450 mm; Size room around 270x150 m;	10.00
162	<b>1 volume matrix infuse pump</b> Ivac, 598, brand: Ivac; type: 598; description: Volumetric pump of Ivac, type 598; Voltage: 220-240V - 50 / 60Hz; Current: 0.07A; Overall dimensions LxWxH: 135x200x200 mm; Further information see link: <a href="http://www.medische-apparatuur.com/ivac-598-volumetrische-pomp/">www.medische-apparatuur.com/ivac-598-volumetrische-pomp/</a> ;	10.00
163	<b>1 mixer container agitator</b> Frank Berg, brand: Frank Berg;	10.00
164	<b>1 bio controller</b> Applikon, ADI1025, brand: Applikon; type: ADI1025; description: Bio Controller ADI 1010 Bio Console Applikon 1025; Bio Controller ADI 1010; Voltage: 230 / 115V - 50 / 60Hz Power: 70VA year of manufacturer : 2002 Total dimensions LxWxH: 265x350x180 mm Bio Console ADI 1025 Voltage: 220-240 / 100-120V - 50 / 60Hz Power: 1600VA year of manufacturer : 2002 Overall dimensions LxWxH: 265x400x530 mm Further information see link: <a href="https://www.geminibv.nl/labware/applikon-1025-bioreactor?filtertext=applikon%201025&amp;filtercategory=&amp;filtermanufacturer=">https://www.geminibv.nl/labware/applikon-1025-bioreactor?filtertext=applikon%201025&amp;filtercategory=&amp;filtermanufacturer=</a> ;	10.00
165	<b>1 Label Printer</b> Zebra, 90xi, brand: Zebra; type: 90xi; electric connection: 230 V;	10.00
166	<b>1 degasser</b> Perkin Elmer, Degasser, brand: Perkin Elmer; description: All of our laboratory equipment gets a thorough inspection before it's placed on the website. Also the equipment for extradition is tested and only delivered if it functions properly.;	10.00
167	<b>1 demiwater pattern</b> Christ, p41, brand: Christ; type: p41; total dimension L: 250 mm; total dimension W: 250 mm; total dimension H: 1010 mm; description: max temp 65 degrees.;	10.00
168	<b>1 water bath</b> Retsch, RTM1, brand: Retsch; type: RTM1; description: with magnetic stirrer and heating ; 230volt; 1200Watt; bath opening 27cm.;	10.00
169	<b>1 heating block with control unit</b> Technicon, BD 20/40, brand: Technicon; type: BD 20/40; total dimension L: 340 mm; total dimension W: 210 mm; total dimension H: 470 mm;	10.00
170	<b>1 stirrer</b> Asea, IEC 34, brand: Asea; type: IEC 34; speed: 1400 rpm; total dimension L: 1400 mm; description: length 95cm.;	10.00
171	<b>1 tank</b> Millipore, PE030, brand: Millipore; type: PE030; description: capacity 30 liters; diameter 40 cm .; height 75 cm.;	10.00
172	<b>1 dissolution measuring accessories</b> Prolabo, brand: Prolabo; description: suitcase with content;	10.00



Lot	Number	Description	Starting Bid €
173	1	<b>mini silent demi water pattern</b> Christ, P41, brand: Christ; type: P41; dimension L: 320 mm; dimension W: 320 mm; dimension H: 950 mm;	10.00
174	1	<b>mixer for HPLC</b> Knauer, Dynamic mixing, brand: Knauer; type: Dynamic mixing; total dimension L: 80 mm; total dimension W: 125 mm; total dimension H: 130 mm; description: 100ml / min; mixing volume 5.9 ml;	10.00
175	1	<b>downflow cabinet</b> Holten, HV mini system 3, brand: Holten; type: HV mini system 3; description: 2 downflow cabinets and 1 extra extraction;	10.00
176	1	<b>magnetic stirrer</b> Termo scientific variomag power direct, brand: Termo scientific variomag power direct;	10.00
177	1	<b>titrate device</b> Schott, T80-50, brand: Schott; type: T80-50; electric connection: 230 V; total dimension L: 130 mm; total dimension W: 200 mm; total dimension H: 290 mm; description: content buret 50mL;	10.00
178	1	<b>shaking water bath</b> GFL, 1086, brand: GFL; type: 1086; description: The shaking water bath of the mark GFL type 1086 is designed for the heating and shaking of different samples with the aid of back-and-forth motion. That makes the 1086 ideal for GFL incubations, fermentations, homogenations, chemical and biochemical reactions. Technical specifications; Voltage: 230V, 50 / 60Hz; Power: 6.5 a; Power: 1,5kW; Speed: 10-250 rpm; Temperature range: 5 ° C above ambient to 99.9 ° C; Outside dimensions (B) x (D) x (H): 52 x 71.5 x 32 cm; Inside dimensions (B) x (D) x (H): 46 x 30.5 x 15.5 cm;	10.00
179	1	<b>vented balance safety enclosure</b> Flow sciences, FS2350, brand: Flow sciences; type: FS2350; description: The suction of the brand Flow Scientific type FS2350 designed for weighing hazardous, biological, pathological and chemical materials. Flow Scientific FS2350 is ideal for weighing applications with optimal user protection in eg pharmaceutical and chemical laboratories. Furthermore includes extractor no filters. One of the two suction boxes comprises a flow meter. Technical specifications; Voltage: 230V 50Hz; Outside dimensions (B) x (D) x (H): 60 x 70 x 55 cm; Inside dimensions (B) x (D) x (H): 53 x 50 x 45 cm;	10.00
180	1	<b>shaker</b> Edmund buhler, WS-10, brand: Edmund buhler; type: WS-10; description: Rocker-Wap rotary rake by Edmund Bühler, type WS-10; Voltage: 230V - 50 / 60Hz; Current: 0.2A; Speed: 1-23 rpm; Overall dimensions LxWxH: 435x450x210 mm; Platform: 340x340 mm; Timer: constant, and 0-120 minutes; Further information see link: <a href="http://www.dijkstra.net/laboratoriumapparatuur/ws10-wip-wap-rotary-rake">www.dijkstra.net/laboratoriumapparatuur/ws10-wip-wap-rotary-rake</a> ;	10.00
181	1	<b>6 point heating device</b> Gerhardt, KI16, brand: Gerhardt; type: KI16; power: 2 kW; total dimension L: 250 mm; total dimension W: 900 mm; total dimension H: 600 mm; description: diameter heating point approx. 6,5cm.;	10.00
182	1	<b>degasser</b> Knauer, brand: Knauer; total dimension L: 90 mm; total dimension W: 265 mm; total dimension H: 185 mm; description: 100-230 volts; 4 channels;	10.00
183	1	<b>stretch plate</b> Medite, OTS 40.3040, brand: Medite; type: OTS 40.3040; temperature range max.: 99 °c; electric connection: 230 V; total dimension L: 300 mm; total dimension W: 400 mm; total dimension H: 80 mm;	10.00
184	1	<b>delta-long weight scale</b> Mettler toledo, X2003SDR, brand: Mettler toledo; type: X2003SDR; weight range max: 500 g; total dimension L: 380 mm; total dimension W: 190 mm; total dimension H: 90 mm; description: readability of 1mg; without room and reader .; size platform 125x125mm.;	10.00



Lot	Number	Description	Starting Bid €
185	1	<b>vacuum pump</b> Expert, 2TW-2C, brand: Expert; type: 2TW-2C; electric connection: 230 V; total dimension L: 140 mm; total dimension W: 400 mm; total dimension H: 270 mm;	10.00
186	1	<b>vacuum pump</b> Expert, 2TW-2C, brand: Expert; type: 2TW-2C; electric connection: 230 V; total dimension L: 140 mm; total dimension W: 400 mm; total dimension H: 270 mm;	10.00
187	1	<b>detector controller</b> O.I. Corporation, 5300, brand: O.I. Corporation; type: 5300; dimension L: 130 mm; dimension W: 200 mm; dimension H: 290 mm; description: 230 volts;	10.00
188	1	<b>47 cm.</b> Pharmacia, GC column, brand: Pharmacia; type: GC column; description: diameter approx. 9/5 cm; height 47cm.;	10.00
189	1	<b>centrifuge</b> Dade, Immufuge, brand: Dade; type: Immufuge; total dimension H: 220 mm; description: high and low speed; time clock; 12 tube holders;	10.00
190	1	<b>various column</b> Pharmacia, XK16/100, brand: Pharmacia; type: XK16/100;	10.00
191	1	<b>various column</b> Pharmacia, XK26, brand: Pharmacia; type: XK26;	10.00
192	1	<b>heating plate</b> LHG, HT21, brand: LHG; type: HT21; temperature range max.: 110 °c; power: 2 kW; electric connection: 230 V; total dimension L: 360 mm; total dimension W: 510 mm; total dimension H: 175 mm;	10.00
193	1	<b>microplate washer</b> Tecan, 96PW, brand: Tecan; type: 96PW; description: The washer of the Tecan brand type 96PW is designed for the washing of the content of 96-well plates in a high-throughput manner, so that the washing time of one sheet is reduced to a few seconds. NOTE: The bottle and vacuum pump for the washer are available on request! Technical specifications: Voltage: 100-120 / 220-240V, 50 / 60Hz; Power: 575VA; Number of cycles was: 1-16; volume : 0 -375 uL in steps of 25 uL; Outside dimensions (B) x (D) x (H): 46 x 30.5 x 22.5 cm;	10.00
194	1	<b>mixer</b> Cito, E100 unguator B, brand: Cito; type: E100 unguator B; description: The unguator of the Cito brand type E100 unguator B is designed for dispersing insoluble substances for the preparation of creams, gels, emulsions and ointments. The Cito E100 unguator B is thus ideal for the preparation of many pharmaceutical and cosmetic formulations. Technical specifications: Voltage: 230V, 50Hz; Power: 150W; Outside dimensions (B) x (D) x (H): 18 x 27.5 x 48 cm;	10.00
195	1	<b>Laboratory Centrifuge</b> Heraeus, Varifuge 3,0, brand: Heraeus; type: Varifuge 3,0; description: Heraeus centrifuge, type Varifuge 3,0; year of manufacturer : 1994; Voltage: 230 V - 50 Hz; Power: 100W; Current: 6.5A; Speed: up to 3500 rpm;. Dimensions LxWxH: 665x555x685 mm; Other information: Rotor: type : 8074; Maximum speed: 4000 rpm; Buckets: type : 8080C Quantity: 4 max Weight: 1100g; Inner dimensions: Round 10 x 12 cm; Bets: 2x Brown: 12 holes of 16 x 80 mm; 4x Green: 4 holes of 34 x 70 mm; 4x Blue: 2 holes of 44 x 65 mm;	10.00
196	1	<b>glass dryer</b> Salvis, TSG160, brand: Salvis; type: TSG160; description: Glass Salvis Dryer, type TSG160; Voltage: 220V - 50Hz; Power: 1412W; Temperature: 35-95 0C; Fan: yes; Internal dimensions LxWxH: 600x630x850 mm; Overall dimensions LxWxH: 550x620x590 mm;	10.00
197	1	<b>flowmeter</b> Copley, M1A, brand: Copley; type: M1A; dimension L: 600 mm; dimension W: 300 mm; dimension H: 310 mm; description: measuring range 25-125l / min.;	10.00
198	1	<b>mixer</b> Cito, E100 unguator B, brand: Cito; type: E100 unguator B; electric connection: 230 V; description: 500-2000rpm; 15-200ml; including 2 spindles;	10.00



Lot	Number	Description	Starting Bid €
199	1	<b>pulsed electrochemical detector</b> Dionex, Detector, brand: Dionex; type: Detector; total dimension L: 440 mm; total dimension W: 480 mm; total dimension H: 860 mm; description: gradient pump; for spareparts.;	10.00
200	1	<b>PH meter</b> Metrohm, 654, brand: Metrohm; type: 654; dimension L: 190 mm; dimension W: 220 mm; dimension H: 110 mm; description: equipped with recorder;	10.00
201	1	<b>fraction collector</b> Bio-rad, 2110, brand: Bio-rad; type: 2110; electric connection: 230 V; description: particle collector; flow rate of 40mL / min.;	10.00
202	1	<b>water bath</b> Buchi, B465, brand: Buchi; type: B465; temperature range max.: 100 °c; power: 1200 W; electric connection: 230 V; total dimension L: 335 mm; total dimension W: 300 mm; total dimension H: 240 mm; description: inner size 25.5 x 13 cm.;	10.00
203	1	<b>bottles rotary rake</b> Griffin, Flask shaker, brand: Griffin; type: Flask shaker; electric connection: 230 V; total dimension L: 600 mm; total dimension W: 260 mm; total dimension H: 240 mm; description: timer range 60 minutes; set value ev0-10;	10.00
204	1	<b>demiwater pattern</b> Behropur, E28D, brand: Behropur; type: E28D; total dimension L: 230 mm; total dimension W: 230 mm; total dimension H: 600 mm; description: min pressure 1.5 bar; max pressure 10 bar; max flow rate 500L / hour;	10.00
205	1	<b>water bath</b> Lauda, MT, brand: Lauda; type: MT; temperature range max.: 100 °c; electric connection: 230 V; total dimension L: 160 mm; total dimension W: 315 mm; total dimension H: 345 mm;	10.00
206	1	<b>balance</b> Mettler toledo, PE3600, brand: Mettler toledo; type: PE3600; description: Above Weger from Mettler, type PE3600; Voltage: 95-120 / 190-240V - 50 / 60Hz; Power: 63 / 125mA; Overall dimensions LxWxH: 195x315x85 mm; Weighing range up to: 3600/600 g; Weighing range a minimum of: 0.5 g; Accuracy: 0.1 / 0.01;	10.00
207	1	<b>vessel</b> Air liquide, TR11, brand: Air liquide; type: TR11; total dimension H: 550 mm; description: max 1.5 bar; dewar nitrogen tank with outlet pipe.;	10.00
208	1	<b>scanner</b> Canon, DR2580C, brand: Canon; type: DR2580C; total dimension L: 310 mm; total dimension W: 410 mm; total dimension H: 160 mm; description: frontloading design; with scanner;	10.00
209	1	<b>laboratory freezer</b> Elcold, EL51LT, brand: Elcold; type: EL51LT; description: Freezer of Elcold, type EL51LT; Voltage: 220-240V - 50Hz; Power: 420W; Current: 4A; Temperature range: -10 / -45 196 0C; Internal dimensions LxWxH: 1500x500x650 mm; Overall dimensions LxWxH: 1705x655x850 mm; Refrigerant: R404a; Weight: 89 kg; Further information see link: <a href="https://www.koelingoutlet.nl/vrieskist-elcold-el-51-lt#spec">https://www.koelingoutlet.nl/vrieskist-elcold-el-51-lt#spec</a> ;	10.00
210	1	<b>stirrer</b> Bellco multistir 4, brand: Bellco multistir 4;	10.00
211	1	<b>tektronix oscilloscope</b> TA- instruments, 2232, brand: TA- instruments; type: 2232; dimension L: 325 mm; dimension W: 430 mm; dimension H: 220 mm; description: 48-440Hz;	10.00
212	1	<b>Heating element</b> Sur-Berlin, brand: Sur-Berlin; total dimension L: 160 mm; total dimension W: 160 mm; total dimension H: 260 mm; description: gold-plated heating rods;	10.00
213	1	<b>medium tank</b> Sartorius, V10/E-50/E, brand: Sartorius; type: V10/E-50/E; stainless steel: yes; description: 4x12 liters; capacity -1 to +6 bar; temperature -10 to +150 degrees;	10.00



Lot	Number	Description	Starting Bid €
214	1	<b>thermoreactor</b> Merck, TR205, brand: Merck; type: TR205; temperature range min.: 100 °c; temperature range max.: 148 °c; electric connection: 230 V; total dimension L: 290 mm; total dimension W: 175 mm; total dimension H: 120 mm; description: timer max 120 minutes; 250W;	10.00
215	1	<b>heating plate</b> Schott, SLK2, brand: Schott; type: SLK2; temperature range max.: 600 °c; power: 2 kW; electric connection: 230 V; total dimension L: 300 mm; total dimension W: 370 mm; total dimension H: 120 mm;	10.00
216	1	<b>bottles rotary rake</b> Griffin, Flask shaker, brand: Griffin; type: Flask shaker; electric connection: 230 V; total dimension L: 600 mm; total dimension W: 260 mm; total dimension H: 240 mm; description: timer range 60 minutes; set value ev0-10;	10.00
217	1	<b>Memmert W200 water bath</b> temperature range max.: 100 °c; power: 1200 W; electric connection: 230 V; total dimension L: 320 mm; total dimension W: 330 mm; total dimension H: 210 mm;	10.00
218	1	<b>vacuum regulator</b> Vacuubrand, CVC24, brand: Vacuubrand; type: CVC24; electric connection: 230 V; total dimension L: 195 mm; total dimension W: 220 mm; total dimension H: 100 mm;	10.00
219	2	<b>extraction arms</b> Alsident system, brand: Alsident system; description: cap diameter approx. 38,5cm.; total length approx. 254cm.;	10.00
220	2	<b>nitrogen tank</b> Cryo, CF230, brand: Cryo; type: CF230; description: Nitrogen Barrels brand Cryo Diffusio, type CF230. The lot consists of two vessels. year of manufacturer : 2000; content : 235 L; Dimensions: 930x1100 mm round; permitted temperature: +50 to -196 degrees C.;	10.00
222	1	<b>extraction arm</b> Alsident, Type 50, brand: Alsident; type: Type 50; description: Boom arm of Alsident, type 50; Diameter: 75 mm; length fixed part: 1230 mm; length 1st - 2nd hinge: 900 mm; length 2nd - 3rd hinge: 640 mm; length 3rd hinge - end: 200 mm; Total length : 300 mm;	10.00
223	1	<b>extraction arm</b> Alsident, Type 50, brand: Alsident; type: Type 50; description: Boom arm of Alsident, type 50; Diameter: 75 mm; Section is 390 mm; length fixed piece: 630 mm length ; 1st - 2nd hinge: 540 mm; length 2nd - 3rd hinge: 450 mm; length 3rd hinge - end: 350 mm; Total length : 2000 mm;	10.00
224	1	<b>rocker</b> Bellco, Low profile, brand: Bellco; type: Low profile; total dimension L: 290 mm; total dimension W: 520 mm; total dimension H: 230 mm; description: 4 trays of 24x29 cm. shaking frequency 0-16 per minute;	10.00
225	1	<b>refrigerator</b> Elbanton, SKV-3, brand: Elbanton; type: SKV-3; electric connection: 230 V; total dimension L: 610 mm; total dimension W: 553 mm; total dimension H: 850 mm;	10.00
226	1	<b>biosystems</b> Chiron, LJT, brand: Chiron; type: LJT; total dimension L: 320 mm; total dimension W: 170 mm; total dimension H: 180 mm;	10.00
227	1	<b>thermo sealer</b> Advanced technologies, Combi AB-0384/240, brand: Advanced technologies; type: Combi AB-0384/240; total dimension L: 160 mm; total dimension W: 159 mm; total dimension H: 330 mm; description: sealing 96-well plates;	10.00
228	1	<b>conductivity meter</b> EH conducta, CMTMT 1/4E, K=1, brand: EH conducta; type: CMTMT 1/4E, K=1;	10.00
229	1	<b>hose pump</b> Marlow watson, brand: Marlow watson; electric connection: 230 V; total dimension L: 200 mm; total dimension W: 200 mm; total dimension H: 850 mm; description: 12rpm;	10.00





Lot	Number	Description	Starting Bid €
230	5	<b>barcode readers</b> PSC, Falcon 345, New / unused Falcon 345 barcode reader. The Falcon 345 is designed for fast, accurate, customizable, real-time automatic easy integration into the supply chain systems of companies involved in logistics, production, retail, storage and distribution.	10.00
235	1	<b>balance</b> Mettler , AJ100, brand: Mettler ; type: AJ100; description: The analytical balance of the Mettler mark type AJ100 is ideal for accurate balancing of various materials. Technical specifications; Voltage: 100-120 / 200-240V, 50 / 60Hz; Power: 80 / 45mA; Weighing range: up to 110g; Readability: 0.1mg; Diameter platform: 8 cm; Outside dimensions (B) x (D) x (H): 34 x 19.5 x 25.5 cm;	10.00
236	1	<b>balance</b> Mettler , PM3000, brand: Mettler ; type: PM3000; description: Above Weger from Mettler, type PM3000; Voltage: 100-120 / 200-240V - 50 / 60Hz; Power: 80 / 45mA; Overall dimensions LxWxH: 195x315x85 mm; Weighing range up to 210 g; Weighing range is at least: 5 g; Accuracy: 0.1 ;	10.00
237	1	<b>vacuum tester</b> Edwards, 30KV, brand: Edwards; type: 30KV;	10.00
238	1	<b>autoclave drum</b> Luxen & co,	10.00
239	1	<b>shaker</b> Heidolph, Reax3, brand: Heidolph; type: Reax3; description: shaking frequency 9-45 rpm; size shaking plate 30x30cm.;	10.00
240	1	<b>acid digestion bomb</b> stainless steel: yes; description: capacity 25ml; diameter approx. 8cm; height approx. 8 cm.;	10.00
241	1	<b>heating jacket</b> Isopad, LMG3/ER, brand: Isopad; type: LMG3/ER; electric connection: 230 V; description: suitable for flasks of 50-250ml with a diameter of 51-85mm.;	10.00
242	1	<b>tripod</b> Heidolph, S2 XL, brand: Heidolph; type: S2 XL; description: H tripod ; diameter 25mm; foot size 42x42cm.;	10.00
243	3	<b>gas burner</b> Cleanair, brand: Cleanair; description: various with foot pedal and partly equipped with flow cabinet;	10.00
248	3	<b>Heidolph and Framo magnetic various</b>	10.00
249	3	<b>Heidolph and Framo magnetic various</b>	10.00
250	1	<b>air pressure gauge</b> Lambrecht, 654M16, brand: Lambrecht; type: 654M16; description: micrometer / manometer;	10.00
251	1	<b>anti-fog plate</b> Millipore, Milliflex P, brand: Millipore; type: Milliflex P; electric connection: 230 V; total dimension L: 240 mm; total dimension W: 170 mm; total dimension H: 50 mm; description: max temp 37 degrees C.;	10.00
252	1	<b>drying box</b> Perkin elmer, Droogbox, brand: Perkin elmer; total dimension L: 300 mm; total dimension W: 490 mm; total dimension H: 150 mm;	10.00
253	1	<b>co2 pressure regulator</b> description: equipped with double pressure gauge; suitable for mixed gas.;	10.00
254	1	<b>electrophoresis</b> Bio rad, Protean II cell, brand: Bio rad; type: Protean II cell;	10.00
255	3	<b>heating jacket</b> Winkler, WM/MNB 2/2, brand: Winkler; type: WM/MNB 2/2; temperature range max.: 450 °c; power: 0.4 kW; electric connection: 230 V; total dimension L: 230 mm; total dimension W: 120 mm; total dimension H: 120 mm;	10.00



Lot	Number	Description	Starting Bid €
256	1	<b>electrophoresis</b> Bio rad, Protean II cell, brand: Bio rad; type: Protean II cell;	10.00
258	1	<b>barcode reader</b> HHP, Imagetteam it 3800, brand: HHP; type: Imagetteam it 3800;	10.00
259	1	<b>barcode reader</b> HHP, Imagetteam it 3800, brand: HHP; type: Imagetteam it 3800;	10.00
260	1	<b>rain shower</b> Broen, Plensdouche, brand: Broen;	10.00
261	1	<b>moisture meter</b> Rotronic, M13S, brand: Rotronic; type: M13S; description: 0-99% <10-35VDC.;	10.00
262	1	<b>moisture meter</b> Rotronic, M13S, brand: Rotronic; type: M13S; description: 0-99% <10-35VDC.;	10.00
263	1	<b>Humidifier</b> Bionaire, BWM8305, brand: Bionaire; type: BWM8305; dimension L: 385 mm; dimension W: 280 mm; dimension H: 325 mm; description: suitable for areas of 65-130m2; 230 volts; content approx. 6.5 liters;	10.00
264	1	<b>light source</b> Volpi, DC 1100S, brand: Volpi; type: DC 1100S; electric connection: 230 V;	10.00
265	5	<b>safety jerry can</b> Denios, brand: Denios; stainless steel: yes; description: capacity 5 liters;	10.00
272	1	<b>carousel pipette stand</b> Gilson, brand: Gilson; total dimension H: 360 mm; description: for 7 pipettes;	10.00
273	1	<b>anaerobic stainless steel pot</b> total dimension L: 120 mm; total dimension W: 120 mm; total dimension H: 240 mm;	10.00
274	1	<b>time switch</b> Jobo labortech, 6110, brand: Jobo labortech; type: 6110; electric connection: 230 V; description: manual setting from 0 to 6 seconds; or 0-60 seconds; max load 1300Watt.;	10.00
275	1	<b>bottle dispenser</b> Hirschmann, brand: Hirschmann; total dimension L: 50 mm; total dimension W: 50 mm; total dimension H: 170 mm; description: adjustable from 0.4-2ml; in 0.05 ml increments;	10.00
278	1	<b>balance</b> Mettler, PE200, brand: Mettler; type: PE200; description: Balance of Mettler, type PE200. Overall dimensions LxWxH: 195x315x90 mm; Plateau: about 130 mm; Weighing range up to 210 g; Weighing range is at least: 5 g; Accuracy: 0.01 ;	10.00
279	2	<b>magnetic stirrer</b> Metrohm, E649, brand: Metrohm; type: E649; total dimension L: 85 mm; total dimension W: 150 mm; total dimension H: 100 mm; description: including mounting stand; continuously adjustable drive; 5-12 volts; 0-1200rpm;	10.00



**TROOSTWIJK**  
INDUSTRIAL AUCTIONEERS & VALUERS SINCE 1930

## General conditions Online Auction TroostwijkAuctions.com

### ARTICLE 1. DEFINITIONS

**Acceptance:** the statement by Troostwijk to the user that a purchase agreement has been concluded, which statement is issued by sending an invoice.

**Purchase:** the actual delivery of the lot to the purchaser or the authorized parties of the purchaser within the time specified by Troostwijk.

**General Auction Terms and Conditions for Purchasers:** these General Terms and Conditions.

**Bid:** each irrevocable bid on items placed by users on items on the website.

**Combination of lots:** a combination of lots that are auctioned under one lot number.

**Transfer of ownership:** the transfer of ownership and with that the owner's risk occurs at the allocation.

**User:** a natural or legal person of full age, who is legally competent with the power of disposition, who has registered on the website with the purpose to place a bid, or who wishes to be kept informed of items offered for sale by Troostwijk on behalf of the seller.

**User agreement:** the agreement between Troostwijk and the user, that is concluded by registration and that entitles the user to bid on lots placed on the website.

**Lot:** an item, or a number of items that are auctioned jointly (under one number).

**Viewing day:** a time period determined by Troostwijk where the purchaser is offered the opportunity to view and inspect the items to be purchased prior to the conclusion of the purchase agreement.

**Purchase agreement:** the sales agreement between the seller and the client of Troostwijk, respectively the purchaser.

**Purchase price:** the amount of the highest allocated bid, increased with the buyer's premium for the highest bid and the VAT owed.

**Purchaser:** the user to whom the lot has been allocated for which the bid has been accepted.

**Client:** the natural or legal person who instructed Troostwijk to broker in the sale of one or various items, to his own name and account or to the name and account of a third party, e.g. an executor.

**Public Auction:** an auction conducted by an auctioneer where Buyers may be present in person.

**Buyer's premium:** the auction costs invoiced to the purchaser to a percentage of the bid, increased with turnover tax.

**Proxy bid:** in a proxy bid, the user indicates what maximum price he is willing to pay for the lot. The auction system ensures that, after an overbid by a third party, the minimally higher bid is immediately placed on behalf of the user, as long as the maximum amount indicated by the user is not exceeded. The user can only cancel an automatic bid in the interim by placing a static bid that is the highest bid at that time.

**Registration:** the registration of the user on the website by correctly and fully filling out the registration form on the website.

**Static bid:** in a static bid the user places a bid in the form of a fixed amount for each lot.

**Specific Auction Terms and Conditions for Purchasers:** the terms and conditions that, next to, in addition to or in deviation of the General User Terms and Conditions and the General Auction Terms and Conditions, apply to participation in a specific auction, as stated on the website on the page of the auction concerned.

**Allocation:** the statement by Troostwijk that a lot or a combination of lots has been allocated, against payment of the purchase price, to the highest bidder.

**Troostwijk:** Troostwijk Veilingen B.V. and / or its subsidiary / subsidiaries or affiliate(s), as stated on the website.

**Auction:** the public sale of movable items organized by Troostwijk on the internet.

**Seller:** the natural or legal person who wishes to sell items to the purchaser(s) through brokerage by Troostwijk.

**Website(s):** the website [www.TroostwijkAuctions.com](http://www.TroostwijkAuctions.com), that is maintained by Troostwijk Veilingen B.V., with its registered office in Amsterdam, The Netherlands, and all other (future) websites registered or to be registered in the name of Troostwijk, that are used for the auction concerned.

**Items:** movable items that are auctioned, either jointly or not in one lot.

### ARTICLE 2. APPLICABILITY

**2.1** The User Terms and Conditions apply to the relationship between the purchasers respectively the users on the one hand and Troostwijk on the other hand for the participation in auctions.

**2.2** The applicability of other General Terms and Conditions than these Terms and Conditions, the General Auction Terms and Conditions, and (if applicable) the Specific Auction Terms and Conditions, is excluded.

**2.3** Troostwijk collects and processes personal data of Users, Sellers and Purchasers in accordance with the Privacy Statement on its Website, The General Data Protection Regulation and other applicable laws and regulations. Any person other than Troostwijk is not allowed to use these personal data for its own commercial purposes.

### ARTICLE 3. THE AUCTION

**3.1** Troostwijk reserves the right to cancel an auction, to terminate an auction prior to the time stated on the website, or to extend an auction. If there is a technical malfunction of the website, due to which the website is not fully accessible and / or inaccessible for all users, Troostwijk is entitled to extend the auction by 24 hours.

**3.2** By registering, the user states to be aware of and to agree to the special circumstances of an internet auction and with the technical imperfections that could occur in such an auction. Troostwijk hereby excludes all liability for any damage whatsoever, directly and / or indirectly, that occurred in any manner, including, but not limited to, damage resulting from the use of the website, unless caused by intent or intentional negligence of Troostwijk. Specifically, Troostwijk does not accept liability for any damage whatsoever, that occurs in any manner by and / or results from:

**[www.TroostwijkAuctions.com](http://www.TroostwijkAuctions.com)**



- Actions of the user that were allegedly suggested by information placed on the website;
- The impossibility to (fully) use the website and / or any malfunction of the website or of the underlying system;
- The noncompliance of the lots with the specifications stated on the website;
- The fact that the information on the website is untrue, incomplete or not current;
- Faults in the website's software and / or the underlying system;
- The unlawful use of systems, including the use of Troostwijk's website by a third party;
- Actions of the seller after the user has concluded a purchase agreement with the seller.

## **ARTICLE 4. ORGANIZATION OF THE AUCTION**

**4.1** The organization, preparation, execution and completion of the auction is carried out by Troostwijk.

**4.2** Troostwijk is entitled, before or during the auction, without stating reasons:

- Not to acknowledge a bid as such;
- To exclude one or more users from the auction;
- Combine items into lots, to divide lots and to withdraw lots from the auction;
- To correct errors of Troostwijk in auctions or allocations, without a user being able to use these errors and / or derive any rights from these errors;
- To take other measures that are required in Troostwijk's opinion.

**4.3** Troostwijk is entitled, before and / or during the participation in certain auctions and / or bids on certain lots, to demand advance payment or any other form of security from the users, before proceeding to delivery or further delivery.

**4.4** The client and / or Troostwijk are entitled to add lots from another offerer to an auction.

**4.5** Troostwijk's judgment on what took place during the auction shall be binding.

## **ARTICLE 5. BIDS; PURCHASE AGREEMENT**

**5.1** The user can place a bid on the website for one or more lots. Each bid is unconditional, irrevocable, and without any reservation. Troostwijk and / or the seller are entitled to refuse bids without stating reasons. Bids shall take place excluding buyer's premium and VAT. Troostwijk and / or the seller are entitled to place bids.

**5.2** Troostwijk determines whether, when a bid was placed, such an error was made that the person who placed the bid will not be held to it. Users cannot derive any rights from the decision.

**5.3** If a lot is also submitted to an auction in combination with one or more other lots, this shall be stated on the individual page of the lot on the website. In that case, a bid can first be placed on the individual lots of the combination and after all separate lots have been closed, on the combined lot. Individual lots shall only be allocated if the total amount of the highest bids to be allocated for the individual lots is higher than the highest bid to be allocated for the combination. The combination shall only be allocated if the highest bid to be allocated for the combination is higher than the total amount of the highest bids to be allocated for the separate lots.

**5.4** Bids can be placed in the form of a "static bid" or a "auto bid". In a static bid, the user places a bid in the form of a fixed amount for each lot. In an automatic bid, the user states which maximum price he is willing to pay for a lot. The auction system ensures that, after an overbid by a third party, the minimally higher bid is immediately placed on behalf of the user, as long as the maximum amount indicated by the user is not exceeded. The user can only cancel an automatic bid in the interim by placing a static bid that is the highest bid at that time.

**5.5** The purchase agreement is created by allocation. Allocation is usually to the user who placed the highest bid. By applying the stipulations in article 5.1, pursuant to the award conditions in the Specific Auction Terms and Conditions or for other reasons, to the discretion of Troostwijk, the lot can instead be allocated to another user than the user who placed the highest bid to be allocated.

**5.6** Within 48 hours after the auction has been closed (not counting Saturdays, Sundays and national holidays), the purchaser is informed by e-mail, on behalf of the seller(s), that the purchase agreement has been concluded. If the user does not receive an e-mail within this term, this means that his bid has not been allocated. Troostwijk is entitled not to allocate or to allocated under suspensive conditions / a suspensive condition.

**5.7** Troostwijk is not a party to the purchase agreement, but only brokers in creating purchase agreements. If there is a forced sale, this shall be stated in the Specific Auction Terms and Conditions or on the auction page on the website.

**5.8** If the receiver is the seller, article 7:19 of the Civil Code of The Netherlands shall apply.

**5.9** If the auction takes place "before a civil-law notary or a court bailiff", this official shall supervise the auction and the bids and allocations in the auction.

**5.10** If it concerns a non-public auction, the Buyer who is a private individual not acting as a professional or business man has the right to terminate



the agreement without giving any reason within 14 days from the date the purchases have come into his possession To exercise this right of withdrawal Troostwijk must be informed of the decision in order to terminate the agreement by receiving a written declaration by the buyer.

**5.11** If the buyer applies for the right of withdrawal, Troostwijk will charge the buyer an amount of €25 administration fee for each returned lot. The buyer also bears all costs associated with the returning the goods purchases.

## **ARTICLE 6. GUARANTEES, CLAIMS AND INDEMNIFICATIONS**

**6.1** Troostwijk and / or the seller shall grant no guarantees whatsoever concerning the lots and any claims by third parties. The purchaser waives all rights that do not vest in the purchaser under mandatory law.

**6.2** Troostwijk and the seller shall make their best effort to attain the best completeness, correctness and clarity as possible of the description and photographs of a lot on the website, other auction brochures, advertisements and suchlike, without any liability for damage resulting from incorrect or incomplete descriptions, or without accepting other damage.

**6.3** Any mains, cables or other connections, for the energy, controls or production on / in a lot, unless specifically stated otherwise in the Specific Auction Terms and Conditions, shall only be sold to the first circuit breaker, fitting or, alternatively, the identifying mark provided. Underground or built-in connections shall never form part of the lot, unless specifically stated otherwise in the Specific Auction Terms and Conditions.

**6.4** The lots are sold 'as is' in the condition in which they exist on that date of allocation, with all connected benefits and burdens. Troostwijk and / or the seller grant no indemnification whatsoever for visible or hidden defects, nor do they provide any guarantee in connection to the completeness, required documentation, numbers, performance, saleability, the purpose for which the purchaser has purchased the items, the existence or non-existence of rights of or claims by third parties and / or the possibility to transfer items to third parties.

**6.5** Any defects of whatever nature, disappointed expectations of the purchaser and / or acquiring third parties give no right whatsoever to (damage) compensation and / or compliance to the purchaser or other third parties. The purchaser is assumed to have conducted a thorough investigation in advance of the lot he purchased.

**6.6** If, concerning the items, there are claims by third parties under (intellectual or other) property rights, including retention of title and / or rights of third parties pursuant to articles 3:166-200, 3:201-266, 3:290-295, 6:52-57, 6:271 (after a claim for termination based on article 6:265) and / or 7:39-44 of the Civil Code of The Netherlands, respectively other claims by third parties that can or cannot be equated with these, that are being enforced, the purchaser is obliged to retain those items for those third parties, under the obligation to transfer those items to those third parties at Troostwijk's first request, respectively make other appropriate arrangements with any rightful claimants. If the items are returned undamaged at Troostwijk's first request, the purchaser is entitled to reimbursement of the purchase price paid for the items concerned, and the purchase agreement for those items shall be considered to be terminated, without Troostwijk and / or the seller being obliged to any (damage) compensation towards the purchaser.

**6.7** The purchaser indemnifies Troostwijk and / or the seller against any claims by third parties resulting from the purchase agreement concluded between the seller and the purchaser.

## **ARTICLE 7. OBLIGATION TO INVESTIGATE USER / PURCHASER**

**7.1** The purchaser shall be offered the opportunity to investigate the items prior to the conclusion of the purchase agreement on the viewing day.

**7.2** Descriptions of the items and all information provided by or on behalf of Troostwijk, shall be given to their best knowledge and are only intended as an indication, without, however, Troostwijk and / or the seller guaranteeing the correctness thereof. If Troostwijk shows or provides a sample, model or an example, this is always only an indication. The capacities of the items to be delivered can derive no claims or rights from the aforementioned descriptions, samples, models, examples or other information. Troostwijk is entitled to correct inaccuracies in the verbal or written statements made by Troostwijk or on its behalf, and to correct any errors (during the auction or otherwise), without the purchaser deriving any rights from this. Troostwijk is not liable for any possible inaccuracies or incompleteness in the description of the items. The purchaser is not entitled to withdraw a bid, respectively terminate the purchase agreement, if it is shown that the item does not comply with the description thereof. Article 7:19 of the Civil Code of The Netherlands shall apply accordingly.

**7.3** The purchaser – respectively the carrier engaged by the purchaser – is obliged to properly investigate the purchased items on purchase, as described further in article 10 of these Terms and Conditions. By signing the receipt for the purchased items the purchaser respectively the carrier explicitly accepts the items in their present condition, quantity and quality.

## **ARTICLE 8. PAYMENT OBLIGATIONS OF THE PURCHASER**

**8.1** The purchaser is obliged, within 48 hours of the confirmation of the allocation by the sending of the purchase agreement, to transfer the purchase price to the account number indicated by Troostwijk. Payment shall take place in euro's or in another currency to be indicated by Troostwijk.

**8.2** If the purchase price is not paid on time, Troostwijk shall charge the purchaser 15% of the purchase price, as a lump-sum amount for collection costs and / or extrajudicial costs, increased with the statutory commercial interest on the amount still owed, increased by 3% annually, starting the





day on which the payment was definitively due until the day of actual payment.

**8.3** Payments shall first be used to deduct the costs, then the interest owed and finally the purchase price.

## **ARTICLE 9. SECURITY**

**9.1** The persons accessing buildings and premises on viewing days or on the purchase day, do so fully at their own risk. Persons are required to follow the instructions issued by the client, Troostwijk and / or third parties engaged by Troostwijk, to ensure the safety of all persons present.

**9.2** The client and Troostwijk do not accept liability for damage in connection to accessing the aforementioned buildings and premises.

## **ARTICLE 10. PURCHASE**

**10.1** If and as soon as the purchaser has complied with all his payment obligations, the purchaser, at times and locations determined by Troostwijk, can pick up (or have picked up) the lot(s) concerned, showing valid proof of identity. This is considered the purchase. The purchaser is obliged to pick up the lot(s) no later than the date stated in the Specific Auction Terms and Conditions. Troostwijk can determine that a certain lot/certain lots can only be picked up after the purchase of other lots.

**10.2** The purchaser himself is responsible for the correct and timely purchase of the purchased items. Troostwijk is responsible for the organization and coordination of the time of purchase of the items sold by the client.

**10.3** If the purchaser refuses the purchase or fails to provide information or instructions required for the purchase, respectively has paid the purchase price, but has not collected the purchased items at the time and on the date determined by Troostwijk, Troostwijk will be authorized to store the purchased item(s) for the risk of the purchaser, such for a period of up to one month or a shorter period as communicated by Troostwijk in writing to the purchaser. If the purchaser still comes to collect the items, the purchaser shall pay the administrative, storage and insurance costs, with a minimum of €350.- prior to collecting the item(s). After said period of one month, or after the shorter period communicated by Troostwijk, it is assumed that the purchaser has waived the ownership rights to the items and Troostwijk will be authorized to dispose of the items again. This article applies without prejudice to the right of Troostwijk to demand performance of the agreement at all times and, in compliance with Article 12.2. to claim full compensation in the event that the purchaser is in default by operation of law due to a failure to fulfil any obligation arising from the purchase agreement.

**10.4** The purchaser is responsible to ensure that all requirements, of whatever nature, concerning the exportation of items in a EU country or other country have been complied with. This means, among others, that the purchaser has to comply with the legislation and regulations of the country concerned for the payment of taxes and charges and the required documents, and if necessary, that he obtains the required permission. If the items are to be transported, the client, respectively the purchaser, shall be recorded on the underlying transport or customs documents as sender, respectively recipient, of the items, not Troostwijk.

**10.5** The transfer of ownership and with that the owner's risk occurs at the allocation. The purchase consists of – at a time / times to be determined by Troostwijk – placing the purchased items at the disposal of the purchaser. The purchase, or, as the case may be, the transfer shall take place under the resolutive condition that the full purchase price and any other amounts possibly owed by the purchaser, have been paid by the purchaser and – in case of the sale of one or more items by order of a trustee – under the resolutive condition that the consent of the Supervisory Judge has been obtained for concluding the purchase agreement.

**10.6** If it is necessary to disassemble the purchased items for the purchase, the purchaser shall do so, to his own account and risk, in an expert manner. The purchaser is only entitled to disassemble items not connected to items purchased by the purchaser after obtaining explicit permission in writing from Troostwijk and / or the seller. The purchaser is liable for damage caused during or in the scope of the purchase and shall indemnify Troostwijk and / or the seller for claims of third parties in connection hereto.

**10.7** The purchaser shall require the explicit permission from Troostwijk and / or the seller to use his own fork-lift truck to move and / or load the lot. The purchaser is aware of the relevant legislation and regulations such as the Machinery Decree, the Health and Safety legislation and the NEN-EN standards and has a valid liability insurance for the fork-lift truck. The purchaser is at all times responsible and liable for safe use of the fork-lift truck at the auction location.

**10.8** If it becomes apparent that a lot cannot be delivered due to claims of third parties or due the fact that the purchase could cause unacceptable damage to the buildings or the premises, in or to which the lot is located, respectively be otherwise extremely onerous, Troostwijk is entitled to terminate the purchase agreement. This termination shall take place by e-mail and / or registered mail to the purchaser to the address stated by the purchaser, after which Troostwijk and / or the seller is/are only obliged to reimburse the purchaser for the amount already paid by the purchaser for the amounts already paid for the purchase of the lot(s).

**10.9** The purchaser whose lot(s) obstructs/obstruct picking-up other lots, is obliged, immediately after having been notified thereof by Troostwijk by e-mail and / or notice at the address stated by the purchaser, to ensure that this lot/these lots are picked up. If he fails to do so, Troostwijk is entitled to have this pick-up and possible storage effected by third parties, to the account and risk of the purchaser.

**10.10** Troostwijk is not responsible for the removal / disposal of waste. The Buyer is responsible for this, except in case that Troostwijk has been explicitly requested to undertake this work at buyer's expense.



**10:11** Troostwijk will inform the buyer about the presence of waste as soon as Troostwijk is aware of it during the execution of the agreement.

## **ARTICLE 11. PERSONAL / BUSINESS DETAILS OF THE SELLER / THIRD PARTY**

**11.1** The seller and the purchaser agree that the personal and / or business details of the seller or a third party that may be present on or in a lot explicitly do not form part of the purchase agreement. The purchaser is obliged, if and to the extent that personal and / or business details are present in a lot after an auction, to inform Troostwijk accordingly forthwith, and in an occurring case to provide his unconditional cooperation, at first request, to submit to the seller these personal and / or business details, respectively destroy these details. Except under the aforementioned obligation, the purchaser shall hold these details confidential and the purchaser shall not be allowed to use (or have used) these details, to provide (or have provided) these details to third parties, or grant third parties access to these details.

## **ARTICLE 12. TERMINATION**

**12.1** If the purchaser fails to comply with any obligation under the purchase agreement, including (but not limited to):

- nonpayment, respectively failure to pay on time, of the purchase price;
- failure to pick up the lot(s) in time, and / or;
- failure to provide the information or documents required for the purchase;

the purchaser is in default by operation of law and the seller is authorized to terminate the agreement with the purchaser by giving written notice, without being liable to pay any compensation (for damages) to the purchaser and/or to sell the purchased goods to one or more third parties immediately without prejudice to the right of Troostwijk and/or the seller to claim (additional) damages. The above also applies if, after the conclusion of the purchase agreement, Troostwijk or the seller becomes aware of circumstances which give the seller and/or Troostwijk good reasons to fear that the purchaser will not fulfil its obligations, in the event of bankruptcy or suspension of payment of the purchaser, if Troostwijk has asked the purchaser to provide security for the fulfilment and this security is not provided or is insufficient, or if the purchaser is otherwise in default and fails to fulfil its obligations under the purchase agreement. The purchaser shall pay compensation for any and all damage caused by its failure, incurred by both Troostwijk and the seller, to Troostwijk. In the event of dissolution as referred to in this article 12.1, the purchaser will not acquire a right to the premium, insofar as it has already been paid to Troostwijk by the purchaser.

**12.2** If circumstances arise with regard to people and / or materials used by Troostwijk or which Troostwijk is in the habit of using in the performance of the purchase agreement, which are of such nature that the performance of the purchase agreement becomes impossible or so cumbersome and/or disproportionately costly, that it would no longer be reasonable to demand performance of the purchase agreement, Troostwijk is entitled to dissolve the purchase agreement without any obligation to pay compensation (for damages) to the purchaser.

**12.3** After the title to the purchased items has passed to the purchaser, the purchaser can no longer claim dissolution or annulment of the purchase agreement. If a third party is interested in the careful removal of all or part of the item and this removal would, in the opinion of Troostwijk, jeopardize or permanently damage the building and / or for any other reason, the seller and Troostwijk will be authorized to dissolve the purchase agreement on behalf of the seller, without being required to pay any compensation, by means of a written statement to the purchaser. In such a case, Troostwijk and the seller shall only be required to refund the purchase price received by Troostwijk and, insofar as an invoice has been sent by Troostwijk to the purchaser for the item(s) concerned, to credit the invoice by sending a credit note.

**12.4** If, prior to delivery and / or purchase, circumstances occur which render the delivery or purchase of the item impossible due to force majeure on the part of the seller or Troostwijk, for example due to fire, theft or natural force damage, the seller and Troostwijk will be authorized to dissolve the agreement without being required to pay compensation, by means of a written notice to the purchaser. In such a case, Troostwijk and the seller shall only be required to refund the purchase price received by Troostwijk and, insofar as an invoice has been sent by Troostwijk to the purchaser for the item(s) concerned, credit the invoice by sending a credit note.

**12.5** In the event of termination referred to in Article 12.1, the defaulting purchaser is required to pay a flat rate of 25% of the purchase price and the Buyers Premium to cover administrative, storage, insurance and transport costs, etc., subject to the right of Troostwijk and / or seller to claim full compensation. In case of credit of the purchase price below 150 Euros, Troostwijk will not reimburse the remainder to the Buyer.



## ARTICLE 13. LIABILITY

**13.1** Troostwijk's liability that remains after application of the other stipulations in these General Auction Terms and Conditions, the General User Terms and Conditions and (if applicable) the Specific Auction Terms and Conditions, shall always be limited to the amount that can be claimed from Troostwijk's liability insurance. In the event that the liability insurance of Troostwijk does not cover the event the liability of Troostwijk will be limited to € 5000,-.

**13.2** Troostwijk is not liable for any consequential damage such as – but non-exhaustive – damage in the form of loss of profit or unsaleability of the items.

**13.3** Any liability of Troostwijk in connection to any default to the lot(s), or in connection to an (alleged) violation of the rights of (intellectual property of) third parties is excluded. The purchaser states to be aware that possible rights of (intellectual property of) third parties can be vested in third parties.

**13.4** Without prejudice to the provisions in article 6:89 of the Civil Code of The Netherlands, each claim right of the purchaser on Troostwijk and / or the seller shall cease to have effect after expiry of 2 weeks after the items have been delivered or made available to the purchaser under the agreement, unless the purchaser has instituted proceedings at the competent court within this term.

**13.5** Troostwijk and / or the seller do not indemnify the purchaser for visible or hidden defects, nor grant any guarantee in connection to the completeness, required documentation, numbers, performance, saleability, the purpose for which the purchaser has purchased the items, the existence or non-existence of rights of or claims by third parties and / or the possibility to transfer items to third parties. Any defects of whatever nature, disappointed expectations of the purchaser and / or acquiring third parties give no right whatsoever to (damage) compensation and / or compliance to the purchaser or other third parties. If there is nonconformity as referred to in article 7:17 paragraph 2 and / or 3 of the Civil Code of The Netherlands, the exclusion of liability in this article 13.5 to the extent that this applies to the seller, shall not apply if there is a purchase agreement concluded with a Consumer, unless there is force majeure from the seller and / or if the purchaser does not submit a complaint in a timely manner, all of this provided that article 7:19 of the Civil Code of The Netherlands applies.

**13.6** Troostwijk and / or the seller are not liable for damage and consequential damage – personal injury or damage to another item than the purchased item (article 6:190 of the Civil Code of The Netherlands) – if the nonconformity is a defect in the meaning of the product liability scheme in article 6:185 et seq. of the Civil Code of The Netherlands. If there is a purchase agreement concluded with a Consumer, the exclusion of liability in this article 13.6 shall not apply towards the seller who produced these items if (i) the seller knew or should have known the defect, (ii) the seller acknowledged the lack of the defect, or (iii) this concerns material damage for which, under Section 3 Title 3 of Book 6, there is no right to compensation based in the franchise stipulated in that section, without prejudice to his defense pursuant to Sections 9 and 10 Title 1 of Book 6.

**13.7** Without prejudice to the other stipulations in this article 13, the liability of Troostwijk and the seller shall apply to the following:

- Troostwijk and / or the seller shall not be liable for damage to persons or items that occurred or were caused prior to the conclusion of the purchase agreement;
- Troostwijk and / or the seller shall not be liable for damage to, caused by or in connection to the purchased items, including the loss of the purchased items;
- Troostwijk and / or the seller shall not be liable for visible and hidden defects of the purchased items. The purchaser shall have to investigate this within the scope of the inspection described in article 7 of these terms and conditions, whilst the purchaser is also obliged to inform Troostwijk by return mail after discovering any imperfections, defects, deviations and suchlike. If the purchaser fails to do so, the consequences thereof shall be to the account of the purchaser;
- Troostwijk and / or the seller shall not be liable for noncompliance of the purchased items with European directives, legal provisions and other legislation and regulations, including legislation and regulations in the area of promoting employee workplace safety;
- Troostwijk and / or the seller shall not be liable for damage caused by and / or resulting from environmentally damaging or hazardous substances in or on the purchased items;
- Troostwijk and / or the seller shall not be liable for damage caused within the scope of an internet auction, as a result of computer malfunctions, including also defects and / or malfunctions of hardware and / or software. Troostwijk and the seller are therefore, among others, not liable for damage if the purchaser is unable to place a bid due to a computer malfunction.
- Troostwijk and / or the seller shall not be liable for damage caused within the scope of an internet auction, as a result of any viruses spread through the auction website or other unlawful programs or files.
- Troostwijk and / or the seller shall not be liable for damage caused by incorrect, outdated and / or incomplete information, whether or not this is stated on Troostwijk's website and / or on websites that can be accessed by clicking on links to other websites referred to on Troostwijk's website; and Troostwijk cannot guarantee that the seller is actually entitled to sell the items and that these items are not encumbered by restricted rights, other restrictions or intellectual property rights of third parties.
- Troostwijk shall not be liable for damage suffered and to be suffered by the purchaser, including any consequential damage, if this concerns the seller's lack of power of disposition to sell, other restrictions and / or intellectual property rights by third parties in connection to the items.

**13.8** The liability restrictions in these Terms and Conditions of Troostwijk, respectively the seller, shall not apply if the damage can be attributed to intent or gross negligence by Troostwijk, respectively the seller, or their managers and / or employees, respectively the auxiliary staff employed by Troostwijk, respectively the seller.

**13.9** The purchaser hereby waives his rights under Title 1 of Book 7 of the Civil Code of The Netherlands, to the extent that these conditions can be legally deviated from.



## **ARTICLE 14. EXECUTION**

**14.1** If this concerns a forced sale, respectively a sale pursuant to summary execution, the provisions in article 7:19 of the Civil Code of The Netherlands shall apply.

## **ARTICLE 15. ADAPTATIONS; EFFECT**

**15.1** If and to the extent that any stipulation of the General User Terms and Conditions is invalid or nullified, the other stipulations of the General User Terms and Conditions shall remain in full force. Troostwijk shall then establish a new stipulation to replace the invalid/nullified stipulation, which shall take into account to the fullest extent possible the meaning of the invalid/nullified stipulation.

**15.2** Apart from these General Auction Terms and Conditions, Troostwijk can make Specific Auction Terms and Conditions applicable. purchasers shall be informed of the Specific Auction Terms and Conditions in advance. If and to the extent that the Specific Auction Terms and Conditions are contrary to the General Auction Terms and Conditions, the Specific Auction Terms and Conditions shall apply.

**15.3** Deviations from these General Auction Terms and Conditions are only possible if this has been confirmed in writing by a competent representative of Troostwijk.

**15.4** Troostwijk reserves the right to change these Terms and Conditions of Auction. Changes take effect 24 hours after they have been sent by email to the user. These terms and conditions replace all previous general terms and conditions, unless explicitly stated otherwise by Troostwijk.

## **ARTICLE 16. APPLICABLE LAW**

**16.1** The laws of The Netherlands shall apply to these General Auction Terms and Conditions and the legal relationships created by the auction.

**16.2** The Dutch text of the General Auction Terms and Conditions is the original text. If the General Auction Terms and Conditions are used in other languages, in case of lack of clarity or inconsistencies, the Dutch text shall therefore prevail.

**16.3** The Court of Amsterdam, The Netherlands (without prejudice to the right of appeal and without prejudice to the legal stipulations to the contrary) is competent, excluding any other authorities, to rule in disputes resulting from these terms and conditions and / or the auction.

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