

Opti-Beam® 7120 Manual Dual Drawer

PCB Exposure Systems

Specifications:

Standard Format Size:
24" x 24" (610mm X 610mm)

Optional Format Size:
18" x 24" (460mm X 610mm)
24" x 30" (610mm X 762mm)
30" x 30" (762mm X 762mm) *

Optical

Irradiance 7120 ** (Sequential top and bottom side exposure values):
18" x 24"—26 mw/cm² @ 365nm
24" x 24"—20 mw/cm² @ 365nm
24" x 30"—16 mw/cm² @ 365nm
30" x 30"—12 mw/cm² @ 365nm

Beam Uniformity:
18" x 24" and 24" x 24" ±10%
24" x 30" and 30" x 30" ±12%

Other

Temperature rise at phototool:
< 5 degrees fahrenheit
(2 degrees Celsius)

Collimation:
±1.5 degrees side to side

Declination: <1 degree

Light source:
Optical Radiation manufactured 5000 watt
ozone free mercury/xenon short arc lamps

Exposure controller:
Automatic in millijoules, time, mw/cm²
or manual operation.

* Special order format size
** Readings above glass

Utilities

Input power:
208/380/440 VAC, 3 Phase, 50/60 Hz

Pneumatics:
Air supply 5 CFM (STP) @ 100 psig
of clean filtered dry air.

Exhaust:
Customer supplied. 750 CFM from lam-
pouse, 250 CFM out of exposure
compartment or 250 CFM in of clean
filtered dry air.

Safety

Emergency shut down:
Palm actuated mushroom switch button
located at front of machine.

Interlocks:
All access doors interlocked to shut-off
machine if a door is opened.

Shielding:
Internal heat and light shields to prevent UV
exposure during operation and servicing.

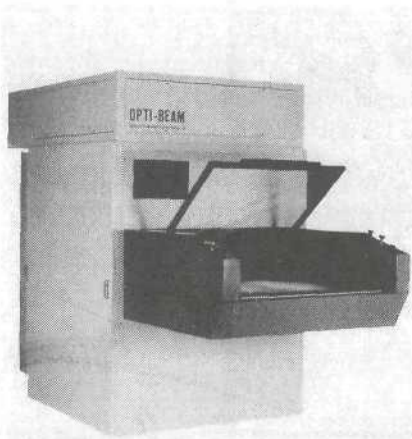
Venting:
Differential pressure switch on exhaust
ducts to prevent lamp operation if exhaust
is not present.

Physical

Dimensions:
84" high X 50" wide X 129" deep
(2.1 X 1.3 X 3.3 meters)

Weight:
Approximately 2,000 pounds
(950 K)

All dimensions are approximate. All
dimensions and specifications are subject
to change without notice.

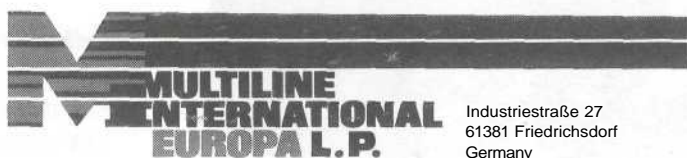


Opti-Beam 7120, 5kw Manual Dual Drawer Exposure
System.



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