

APPLICATIONS:

- ➔ Complete wafer erasing for EPROM & Flash Memory

FEATURES:

- 200mm/300mm ready
- Class 100 cleanliness
- Capable of handling wafer thickness > 8mils for 200mm
- Capable of handling wafer thickness > 12mils for 300mm
- SECS/GEM compliance
- Economical single chamber design
- Small footprint



AER812S
UV WAFER ERASER

SPECIFICATIONS

WAFER SIZE

8" (200mm) and 12" (300mm)

WAFER THICKNESS

≥ 200 micron (8" wafers)
≥ 300 micron (12" wafers)
(For thin wafers, please consult manufacturer.)

CONFIGURATION

Modular and flexible docking
1 UV Module (Single Chamber)

WAFER HANDLING ROBOT

Class 1, 3 Axis Single Arm

CONVERSION

No conversion between 8" and 12" wafers

UPTIME

≥ 99%

CONTROL

PC base control with UPS backup (PC only)

OPTIONAL FEATURES

RFID / Bar code Reader
Semi S2 / S8 / CE STD Compliant

DIMENSION & WEIGHT

Dimension : 1450(L) x 1330(W) x 2120(H) MM
Weight : 600 kg

INPUT/OUTPUT

1X Auto loadports
(Manual loadport)

UV MODULE

UV module with single UV Chamber
UV Lamp intensity 60 mw/cm² (+/- 10%)

WAFER CASSETTE

FOUP, FOSB for 12" wafer
Fluoroware H-Bar cassette for 8" wafer

STATISTICAL PROCESS CONTROL

Chamber temperature monitoring
UV Lamp life monitoring
Cooling & exhaust monitoring

MAN MACHINE INTERFACE

Graphical base with English /
Chinese language selectable
19" LCD monitor c/w keyboard and mouse
Error reporting, Lot and Recipe management

CLEANLINESS

Class 100 (US FED STD 209E)

HOST COMMUNICATION (OPTIONAL)

SECS / GEMS - HSMS compliant

SAFETY/EMERGENCY FEATURES

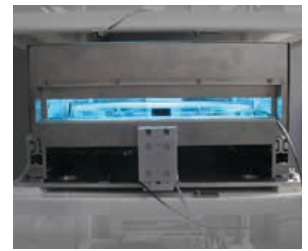
Thermal protection on UV shielded power supply
Auto UV shut down (> 30 min non operation)
Online lamp intensity monitor c/w alarm & display

FACILITY

220VAC, single phase, 50/60 Hz, 16A
CDA, compressed air, 5 bar (72 psi)
Vacuum at 25 in Hg (customer facility)

EXHAUST

200 Cfm per exhaust (per UV chamber)



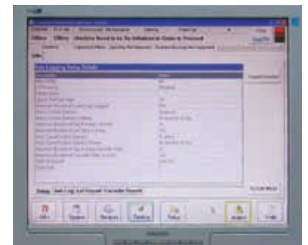
UV CHAMBER



CASSETTE MAPPING



WAFER DUAL ARM
ROBOT HANDLING



WINDOWS & MENU
BASE - ENGLISH CHINESE



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