



Proteus UV

AUTOMATIC UV IRRADIATION TOOL FOR WAFERS, FRAMES AND ROM ERASURE

The **Proteus UV** is a tool used to **irradiate** wafers or dicing frames with **UV**, according to the needs of the application.

Applications include reducing the pull strength of **UV tapes** used for **grinding** or **dicing** and **erasing ROM** memories, for **testing** purposes.

The **Proteus UV** is available with two different types of **UV lamps** depending upon the requirement. **UV tapes** are deactivated with a low pressure, **360 nm** lamp source. **Memory** erasure must be performed with a higher pressure, **240 nm UVC** grid lamp.

This advanced technology tool is **computer controlled** and features automated handling to load and unload wafers or frames from a cassette into the irradiation chamber.

The system includes **laser mapping** for wafer detection. This feature is ideal for **thin wafer** handling.

The control interface is **touch screen** based and is extremely simple and user friendly, featuring cycle control plus recipe selection and editing. No special operator training is required.





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MAIN FEATURES:

Table top machine

Automatic wafer or frame loading, suitable for 5,6 and 8" wafers and 6" frames

Laser mapping for wafer/frame detection and position measurement

Touch screen computer control

Low frequency, low pressure UV lamp (360 nm) with high frequency electronic ballast or high pressure 240 nm grid lamp

Lamp lifetime: more than 2000 hrs (for 50% lamp efficiency - 360 nm system)

Dimensions: 750 mm W, 550 mm D, 450 mm H (version for 8" or 6" wafer frame)

Facilities: 220 Vac, 0,5 kW; Standard line vacuum

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