# Proteus Autoloader
## Simple microscope loader for wafers
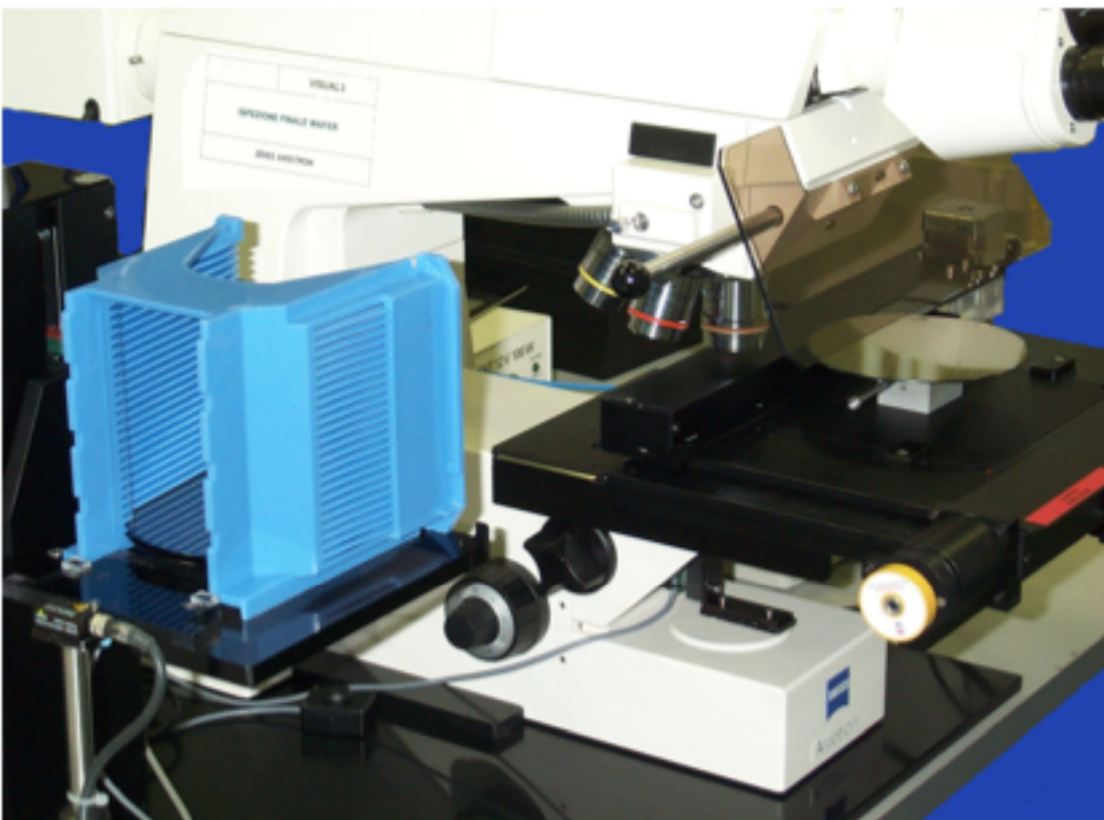
# Simple and smart

The new Proteus simple loader is an innovative approach to microscope wafer automatic loading.
It have been especially studied to give an answer to microscope loading when handling can be critical, such as when wafers are thin, since handling is really reduced to the minimum possible, thus reducing the possibility of damaging wafers.
Proteus Autoloader includes an extraction tool which is directly mounted over the microscope inspection table, allowing the microscope to directly take wafers from cassette (a stand alone version for standard microscope interfacing is also available)
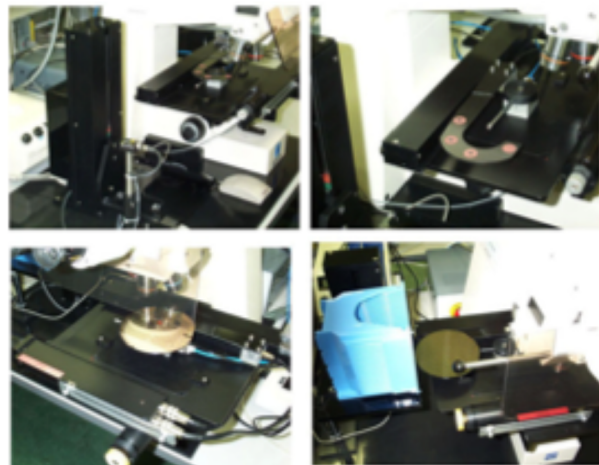
| Specifications | |
|---|---|
| Wafer size | 150 - 200 mm - single or multi size |
| Wafer thickness | 170 – 1200 µm |
| Clean room compatibility | Class 10 clean room compatible |
| Control | Computer control with touch screen operator interface |
| Type of inspection | Micro inspection |
| Inspection mode | Sequential, sampling or statistical access |
| Centering | Pre centering on wafer edge (no alignment of flat/notch) |
| Compatible microscopes | Astel MX-R - Other semiconductor inspection microscopes |
| Footprint | W 800 x D 700 x H 650 (including Back unit in up position) |
| Cassette mapping | Laser sensor with thin wafer detection capability |
| Facilities | AC 220 - 240 V - 3,5 A 50 /60 Hz<br>Vacuum - 60 to -90 KPa - 10 l/min<br>Compressed air or nitrogen - 6 bar |

(Specifications are subject to change without any obligation on the part of manufacturer)

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