

Details:

- BSI sets up the tool to Wafers made to SEMI Non Pattern Silicon Specification. Non Standard Wafers may require Additional Parts or Labor to scan properly have to be Quoted.
  - Substrate/Sizes: Round Standard SEMI spec bare wafers on 4"-8" Request 2-4-inch modification if needed.
- Wafer Substrate Thickness: SEMI Standard Wafer Thickness for the correct diameter.
- Correlation is not guaranteed to any tool without prior verification and Quote option.
- Contact KLA-Tencor for license Transfer and Software Support.
- ANY modification, additional software or internal hardware added without BSI written permission, voids all warranty and support.
- Scanning Material: Most Reflective Bare Round Silicon Polished Surfaces which Scatters less than 5 percent of Incident Light, Laser cannot pass thru substrate.
- \*\*CLEAR or SEMI CLEAR wafers WILL NOT SCAN Correctly on this system
  - Defect Sensitivity: Capture Rate (0.12um @ 95%) Based on PSL NIST Calibration Standards by Brumley
- South or VLSI Standards using OEM test specification guidelines
- Haze Detection: Yes. Calibrated-NO
  - Repeatability: Count Repeatability Error less than 0.5 percent at 1 Standard
- Deviation (Mean Count greater than 500, 0.360 um dia. Latex Spheres).
  - Throughput: Unable to guarantee. Dependent on customer wafers and settings.
  - Contamination: Less than 0.5 Particles per wafer at 0.204 um per single pass
  - Cassette Handling: Single Puck Wafer Handling from two Cassettes (one Sender/Receiver, one Receiver)
- Cassette Plates are configured for: 4-6-8 inch (PA-182). Non-Standard -----Cassettes will require customer to send NEW Cassettes for custom handling evaluation and Quote. Must have cassette before Refurbishment starts.
  - Illumination Source: 30 mW Argon-Ion laser, 488 nm Wavelength.
  - Operator Interface: Mouse and/or Dedicated User Keypad
  - Machine covers are cleaned. Minor scratches or stain may be present. Factory OEM condition finish is not guaranteed.
  - Performance specifications returned to original factory installed specifications. a. Marketing specifications are not valid.
  - Machine is fully tested to verify compliance to OEM installed specifications
  - System transport locks installed; system prepared for shipment
  - Refurbishment by Equipment Engineers on KLA-Tencor tools
- SYSTEM FACILITY REQUIREMENTS consisting of:
  - Vacuum: (20 in.) Hg
  - Electrical: 200-240V, 50/60 Hz
  - Power Requirement: 2 kVA
  - Ducted Venting: Two 102 mm (4 in.) Exhaust Hoses Maximum length is 8 feet total per leg.