

Control Your Wafer Quality

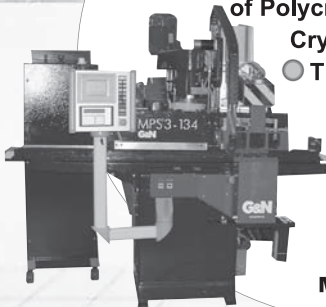
SEMICON China 2009
See us at Booth #5381 - Hall W5

SOLARCON China 2009
See us at Booth #1105 - Hall W1

G&N

Solar Brick Grinder

- Machines for Grinding the Surfaces of Polycrystalline and Mono-Crystalline Silicon Bricks
- The Subsurface Damage of the Solar Brick is Minimized
- The High Surface Quality of the Brick Reduces the Breakage Rate of the Sawed Solar Cells

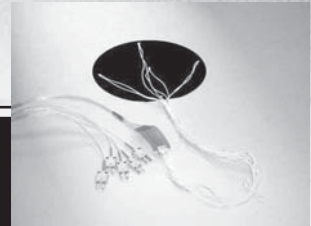


MPS 3-134

PRIME

Wafer Thermocouple Wafer T/C

- Measure Temperature Profile on Wafer
- Suitable Process: Photoresist Hot Plates and Chiller Plates, Ovens, RTP, Sputtering, CVD, Plasma Strippers, Epitaxial, Reactors



E+H Wafer Geometry Gauge (Semiconductor/Solar)

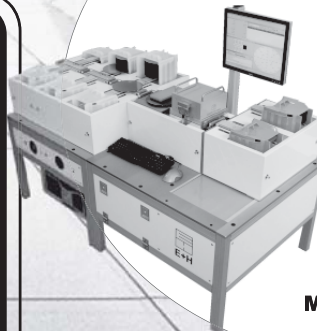
MX203-6-41q

- Multi Non-Contact Sensors
- Measuring in Short Time (7 Sec.)
- Data Transferable to EXCEL
- Resolution 0.1um, Accuracy +/-0.25um
- Thickness, TTV, Flatness, Warp Bow
- 3D Mapping Profile



E+H Automatic Wafer Sorters

- Sort by Thickness, TTV, Flatness, Warp., Resistivity, P/N-type, etc.
- High Speed: >500 wafers/hr
- Module design up to 20 cassettes
- Suitable for wafer maker & re-claimer

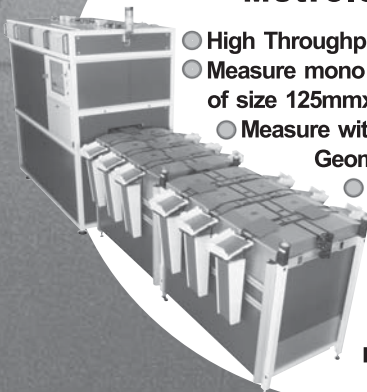


MX 202

hennecke systems

Solar Wafer Metrology Sorter

- High Throughput: 3,400 wafer/hr
- Measure mono and multi crystalline wafers of size 125mmx125mm up to 210mmx210mm
- Measure with high accuracy: TTV, Cracks, Geometry, Lifetime, Chips
- The sorting mechanism work acceleration and force
- This guarantees minimum stress for the wafers



HE-WI-04

ISIS electronics

Non-Contact Layer Thickness Measurement

- Non-Contact Measurements for All Wafer Diameters: Thickness, TTV, Warp
- Applications: Multifoils Wafer, Solder Bumps (Height & Position), MEMS, Photoresist Layers
- Thickness of Individual Layers in Multifoils During the Extrusion Process (Max. 8 Layers)
- Saw Mark and Edge Bending measurement for PV Silicon Wafer
- Warp/Bow for PV Silicon Solar Cell Metallization Process



SemDex 301

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