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## Sorting & Metrology Equipment

Bare wafer geometry metrology systems for wafer manufacturers.



### Model 300-TRT

- Wafer diameter: 300mm (option 200mm)
- Throughput: Max. 450 wafer per hour on one center-point



### Model 200-TRT

- High precision and stability multiple-point measurement on one axis for thickness, type, resistivity map



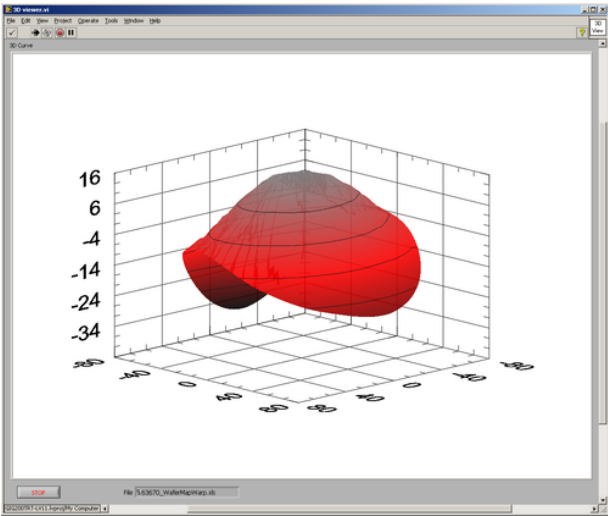
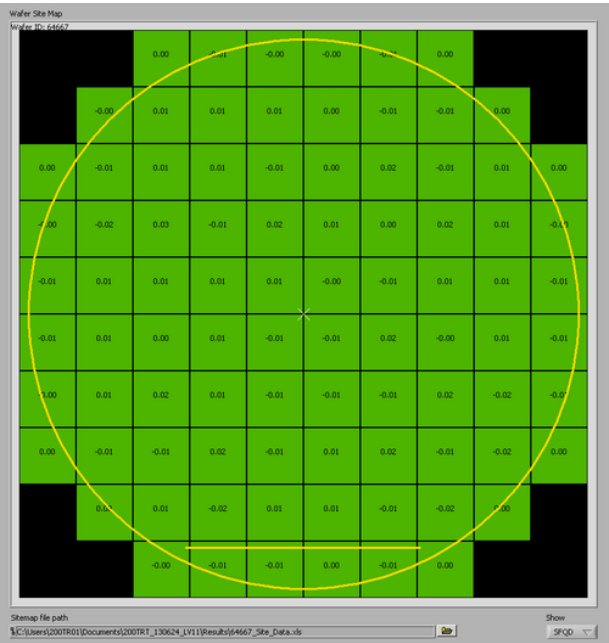
### Model TRTS-300

- Wafer diameter measurement sets: 4" / 5" / 6" / 8"/12"
- Manual load/unload
- None Contact Gauges:

- measurement
- None Contact Gauges: Thickness, Resistivity, Type, OCR
  - Surface: As-Cut, Lapped, Polished
  - Wafer Handling: Standard Robot and Belt arrangement
  - Measurement: Center point, 2-point Resistivity and radial grading
  - Cassette: 25 slot & 13 slot
  - Configuration: (4) input station (12) output station precision and stability multiple-point measurement on one axis for thickness, type, resistivity, and OCR
  - Dual-sided sensor
  - Applications: Outgoing wafer quality control and wafer process monitoring and control

- Easy Operation touch screen PC with advanced recipe-control software
- Maximum 1000 wafers per hour throughput on one center-point measurement
- Measures thickness and resistivity, .0007 ohm – 150 ohm cm
- All sensors are non-contact; radial gradient measurements are available
- Every cassette is independently programmable
- Reliable and easy to maintain belt system
- Cleanroom compatible
- Bow, warp, TTV, STIR, OCR top and bottom, and more
- All wafer materials: **SiC**, Si, Glass, etc.
- Dual-sided sensor
- Applications: Outgoing wafer quality control and wafer process monitoring and control

- Thickness, Resistivity, Type
- Surface: As-Cut, Lapped, Polished
  - Wafer Handling: Standard Robot and Belt arrangement
  - Measurement: Center point, 2-point Resistivity and radial grading
  - Dual-sided sensor
  - Applications: Outgoing wafer quality control and wafer process monitoring and control



TTV Bow Warp SFOD SFOR and OCR

Contact us to learn more



47269 Fremont Blvd.,  
Fremont, CA 94538  
Main Phone: (510) 770-8008  
Sales Phone: (510) 770-8008 ext. 100  
Technical Support: (510) 770-8008  
ext. 101  
  
sales@gigamat.com

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