

MPI TS2000 Series | 200 mm Automated Probe System

Innovation - Integration - Revolution - for accurate and reliable DC/CV, RF and High Power measurements

Integrated DarkBox (TS2000-D/-DP)

- Provides test environment for light-sensitive measurements
- Opening mechanism for convenient operation
- Interlock for safety operation (TS2000-DP)
- Standardized side panels for integration of parametric or high-power analyzers
- Easy removable service back plane
- Integrated LED illumination

MicroPositioners and High Power Probes

- Supports up to 4 RF and 10 DC MicroPositioner
- Wide range of MicroPositioners available
- Dedicated Coax, Triax and Kelvin probe arms
- High Voltage (3kV TRX, 5kV or 10kV COAX) and High Current (up to 100A) Probes

Probe Platen

- Large, stable and rigid design
- Rectangular adjustments for RF positioners
- Integrated air-cooling for maximum thermal stability

Thermal Control

- Thermal chucks, can be operated by using the fully integrated touchscreen display
- Convenient location in front of the operator for fast operation and immediate feedback

Modular Chucks

- Various non-thermal or thermal chucks
- Choice of Triaxial or Coaxial connection
- Wide range of temperature from 20 °C up to 300 °C
- Field upgradable for reduced cost of ownership



TS2000-D/TS2000-DP

Available Options

- Second monitor
- Instrument shelf (TS2000)
- Various side panels for instrument's integration (TS2000-D/-DP)

Microscope and Optics Options

- Stable microscope bridge mount
- 50 x 50 mm manual or programmable
- Various optics available
- Single tube MPI SZ10 or MZ12 w. up to 12x zoom
- High Power microscopes FS70/PSM-1000
- 2MP SENTIO® controlled camera available

Software Suite SENTIO®

- Simple and intuitive operation by revolutionary, multi-touch software control saves significant training time
- Scroll, Zoom, Move commands mimic modern smart mobile devices and allows to become an expert in just minutes
- Switching between the active application and the rest of the APPs is just matter of a simple finger sweep
- MPI RF calibration software program QAlibria® is fully integrated with SENTIO® – for ease of use by following a single operational concept methodology
- GPIB, TCP/IP interface for remote control

Integrated Hardware Control Panel

- Provides faster, safer and convenient system control and test operation
- Keyboard and mouse are strategically located to control the software

Integrated Vibration Isolation Table

- Incorporates a high performance vibration isolation platform (option)
- Optimized system footprint
- Optional instrument shelf reduces cable lengths and increases measurement dynamic and directivity



TS2000