

PB3600

probe card analyzer



system includes

- Automated probe card flip fixture
- RID MUX system with 1536 measurement channels
 - Any channel can be software assigned to be relay drive
- Quad core processor with 4G RAM
- DVD-RW
- Windows 10 Pro Operating system
- Probilt revision 6.2 software
- Manual microscope drive
- Ergonomic microscope with integrated video system for probe adjustment
- Measurement chuck with sapphire camera window
- Gram force measurement
- Ethernet card
- LCD flat panel display

features

- Best Price/Performance of any probe card analyzer
- High throughput production machine
- Revision 6.2 Probilt software
- Easy to operate
- Simplified card files
- Overlapped testing for faster analysis of cards
- Vacuum held cleaning plates, overdriven leakage and contact resistance test plates
- Test or relay drive on any channel through software control
- Expandable to 3072 channels
- 100Kg (220 lb) Lift force

tests performed

- Leakage
- OD Leakage
- Capacitor Leakage
- Alignment
- Scrub Analysis
- Tip Diameter
- Planarity
- Contact Resistance
- Wire Check
- Gram Force
- Relays
- Capacitance Resistance
- Elevated Heat Levels with our Hot Chuck option

PB3600PT

probe card analyzer



system with Probe Tracker
includes all standard features
plus

- Integrated with Probilt software
- Auto Locate Function
- Pinpoints exact location of each probe
- Ideal for “Tips-up” repairs

motherboards

- Lightweight, easy to install
- Accurate correlation to wafer prober
- Full 4-wire Kelvin for all channels
- Fast design & delivery
 - Standard parts inventory
 - Custom layout programs

ITC designs and manufactures hundreds of motherboard types including interfaces to all major brands and types of testers, including:

- Advantest - Verigy – T2000, 5377, 83K, 93K, 93K400, 93K Pin scale, ND1, ND2, 93KDirectProbe, V4400
- Yokogawa – 6700
- TI - RASP, VLCT, Razorback
- LTX Credence – K2, MT32, Sapphire, Octet, Quartet, Duo, Diamond, Fusion
- Asia/Tact – 7332, 7330
- Teradyne-NexTest-Eagle – Integra/Tiger, 440mm FLEX, J750, J996, FLEX/Ultra-Flex, Micro-Flex, Maverick, HD, ETS364

features

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- Expandable to 3072 channels
- 100Kg (220 lb) Lift force
- PT Version – Cross hair shows operator exactly where to position probe under repair. Reduces repair time by 50%
- PT Version – Retest alignment tips up after repairing each probe
- PT Version – Automatically moves to next failing probe

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