

# 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
- P 4 processor with 512 MRam,
- CD-RW
- Windows 2000 or XP Operating system
- Probilt revision 6.0 software
- Manual microscope drive
- Ergonomic microscope with integrated video system for probe adjustment
- Measurement chuck with sapphire camera window, user definable for logic or memory applications
- Gram force measurement
- Ethernet card
- LCD flat panel display

## features

- Best Price/Performance of any probe card analyzer
- High throughput production machine
- New revision 6.0 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

## test 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

## FSA-TECHNOLOGY INC.

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# PB3600pt

probe card analyzer



## features

- Best Price/Performance of any probe card analyzer
- High throughput production machine
- New revision 6.0 Probilt software
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  - Simplified card files
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- 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
- 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



## 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 – LM4, T2000, 5377
- Yokogawa – AL6050, 6700
- Verigy – 83K, 93K, 93K400, 93K Pin scale, Direct Probe, V4400, V5400
- NexTest – Maverick, HD
- TI - X1RASP, VLCT
- Schlumberger – S9000, NX, KX
- Credence – K2, MT32, Sapphire, Octet, Quartet, Duo, Diamond
- Asia/Tact – 7332, 7330
- Teradyne – Integra/Tiger, 440mm FLEX, J750, J996, FLEX/Ultra-Flex, Micro-Flex

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