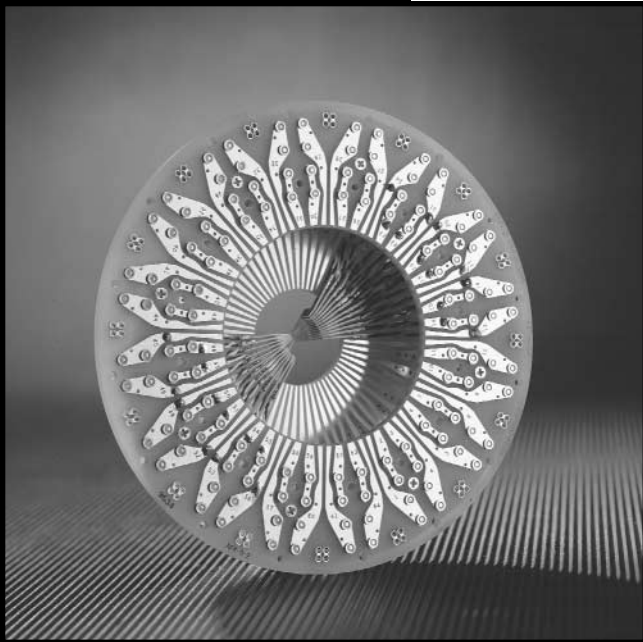


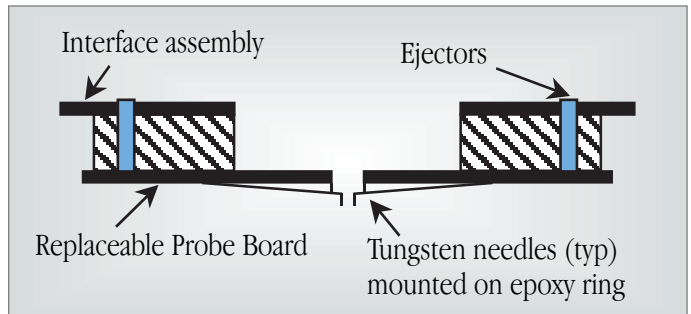
S600 Series

Automatic Parametric Tester Probe Cards



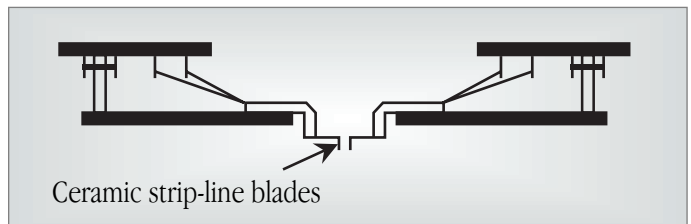
Faster measurements and minimal dielectric absorption from a patented design

- **Epoxy Ring:** Provides lowest cost for pA level measurements
- **Ceramic Blade:** Provides fA level sensitivity
- **Coax Epoxy:** Provides fA sensitivity and extended temperature



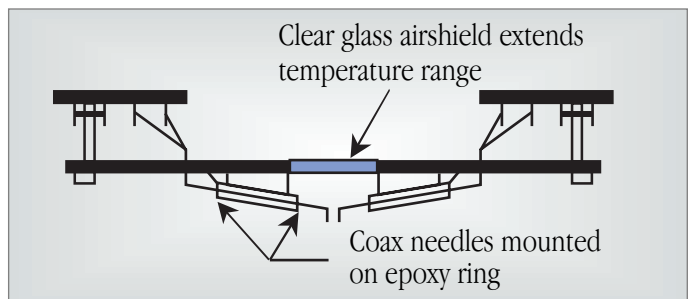
Epoxy Ring Probe Card

- Only the probe board needs to be replaced for maintenance
- To separate boards, simply push on ejectors; to reconnect, align with offset pins and push fit
- Diagnostics supported on KTE 4.1 or later



Ceramic Blade Probe Card

- Signals guarded to blade tips to ensure signal integrity
- Strip-line ceramic blades



Coax Epoxy Probe Card

- Guarded coaxial probe needles through epoxy ring to ensure signal integrity and minimize leakage
- Probe lifetime about 3X longer than ceramic blades

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S600 Series

Automatic Parametric Test Probe Cards

Specification Summary (See S600 System Specifications for complete specifications)

	Epoxy Ring** (P/N 60238-PPC)		Ceramic Blade (P/N 60239-PCC)	Coax Epoxy (P/N 60237-PCE)
Leakage: Pin to Ground, Pin to Pin	<0.2pA/V typ		<1fA/V	<1fA/V
Capacitance: Pin to adjacent pin: Pin to non-adjacent pin:	5pF typ 1pF typ	PPC 2 2.5pF typ. 1pF typ.	1pF typ 200fF typ	1pF typ 200fF typ
Chuck temp range on supported probers, chucks	Ambient to 200°C		Ambient to 200°C	-55°C to 200°C
Vendors	Keithley data package available at no cost to any manufacturer.		K&S, Mesatronic, Wentworth, M.P.I. (Taiwan), DFW Test	JEM America Mesatronic

** Epoxy Ring Interface Assembly (Top) only available from Keithley.

For specifications at extended temperatures, consult complete S600 System Specifications.

Vendor list complete at time of publication; for up-to-date list, contact Keithley.

Supported Probers

- TSK: APM-90, UF-190, UF-200, UF-300
- Electroglas: EG2001, EG2010, EG4080, EG4085, EG4090, EG4 | 200, EG5 | 300
- TEL: P-8, P-12
- Cascade Microtech: PS-21

Most common chucks supported; contact factory for complete list. For probers not listed above, contact factory.
For thermal specs, consult factory.

Approved Manufacturers (Licensed Manufacturing Sites)

K&S

1150 N. Fiesta Blvd.
Gilbert, AZ 85233
Tel: 480-333-1500
Fax: 480-333-1670
www.cerprobe.com

Wentworth Labs

101 Commerce Drive
Brookfield, CT 06804
Tel: 203-775-9311
Fax: 203-775-4398
www.wentworthlabs.com

JEM America

3000 Laurelview Court
Fremont, CA 94538
Tel: 510-683-9234
Fax: 510-683-9790
www.jemam.com

M.P.I.

No. 3 Lane 28, Hane-Cheng
2nd Road, Chu Pei City
Hsinchu Hsan, Taiwan, R.O.C.
Tel: 886-3-5551771
Fax: 886-3-5518381

Mesatronic

Z.A.C. Champfeuillet
130 Rue du Placyre
38500 Voiron, France
Tel: 33-476-65-80-42
Fax: 33-476-65-81-29
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