
Electrochemical Migration Surface Insulation Resistance Boeing Anaheim Test Equipment

**Joint Group on Pollution Prevention
Meeting Irving, Texas**

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Test Equipment List

- **Megohmmeter- Beckman Model L-10A**
- **Regulated DC Power Supply – Kikusui Electronic Corp. Model PAB (range 0.2 – 350 Vdc)**
- **Multimeter – Keithley 177 Microvolt DMM**
- **Interface Test Box, Coaxial Adapter**
- **Humidity Test Chamber – Bemco Incorp. Model No. FW-20/350-64**

Megohmmeter, Regulated DC Power Supply, Multimeter & Coaxial Adaptor



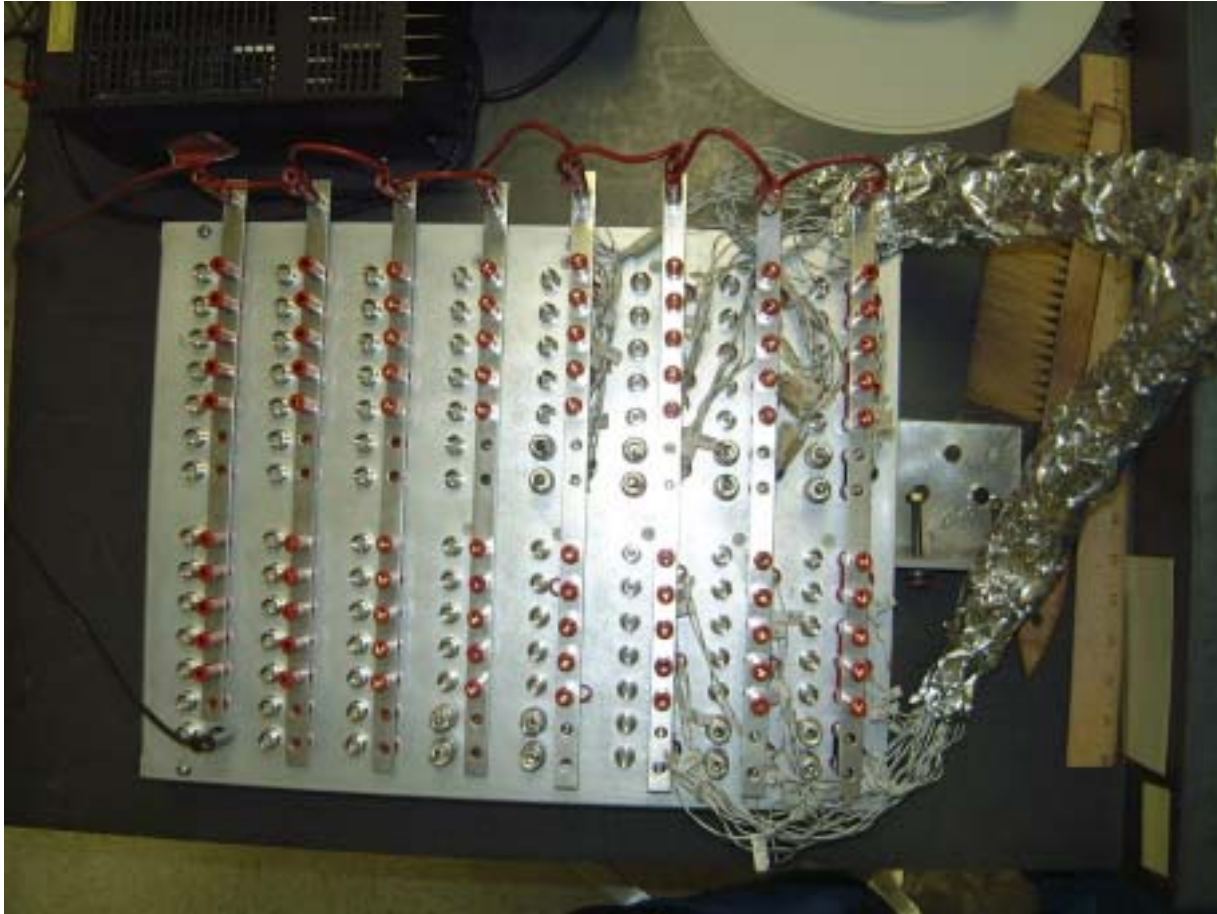
Humidity Test Chamber



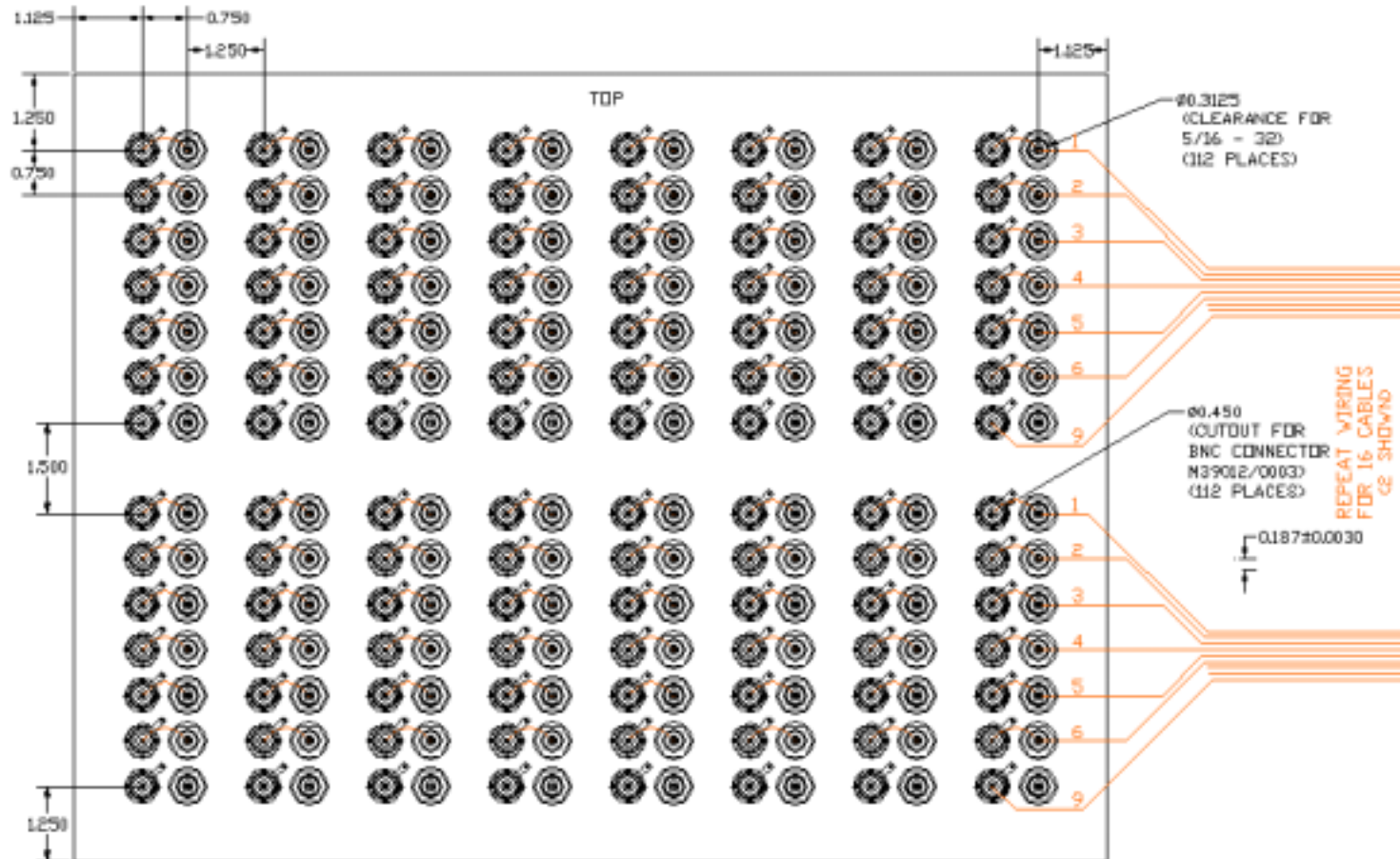
Interface Test Box Side-View



Interface Test Box- Top View



Interface Test Box Diagram



SIR Data Collection Example

SIR 85/85 CHAMBER TEST DATA									
BECKMAN MODEL L8 MEGOHMMETER W/COAX ADAPTER									
SN	PIN/ CON	INITI AL	DAY 1	DAY 2	DAY 3	DAY 4	DAYS 5/6	Day 7	Final
		17- Jun	18- Jun	19- Jun	20- Jun	21- Jun	JUN 22/ 23	24- Jun	24- Jun
1N	1 U3/ U4	1.00E +1 3	8.00E +1 2	1.00E +1 3	4.50E +1 2	9.00E +1 2		9.00E +1 2	8.50E +1 2
1N	2 U7 A+	6.00E +1 2	5.00E +1 2	6.50E +1 2	3.50E +1 2	6.00E +1 2		5.00E +1 2	9.00E +1 2
1N	3 U5 A+	6.00E +1 2	5.00E +1 2	6.00E +1 2	3.50E +1 2	6.00E +1 2		6.50E +1 2	9.50E +1 2
1N	4 U7 B+	5.00E +1 2	5.50E +1 2	5.50E +1 2	3.50E +1 2	6.00E +1 2		6.50E +1 2	5.50E +1 2
1N	5 U5 B+	4.50E +1 2	6.00E +1 2	8.00E +1 2	4.50E +1 2	6.50E +1 2		8.00E +1 2	6.50E +1 2