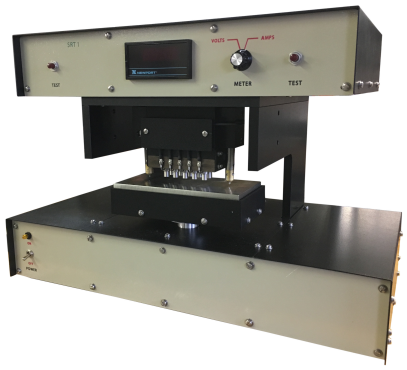
SRT1 Surface Insulation Resistivity Tester



The Model SRT1 is an advanced instrument for measuring surface insulation resistivity according to ASTM Standard A717 and IEC 404-11.

This head provides increased reliability and repeatability while decreasing maintenance costs. There are no springs or moving buttons to wear or get out of line. Its floating baseplate assures button alignment across the full sample width and length.

The insulation tester is supplied complete, ready to plug in and connect to your shop air supply. An optional, compact air compressor is available if needed.

Using accurate and reliable modular, digital circuitry, it requires little or no training to operate. Sturdy stainless steel and aluminum construction provide a light weight, compact instrument easily installed on your laboratory bench.

Ask about our other equipment to make your testing of magnetic properties more productive and easier.

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Test System Features and Specifications

Features

Low maintenance stainless steel buttons
Easily removable button block for resurfacing
Floating base for proper head alignment

- Digital design
- One button/hand operation for safety
- Standard test block included for fast and simple calibration
- Pneumatic operation
- Standard 12 month warranty (except drills)

Specifications

- Supply voltage – 500mv ± .005% Regulation
- Digital panel meter – 0 to 1.999 ± .1%
- Sample size – 30mm x 140mm (1 3/16" x 5 ½") minimum
- Surface probes – 10 fixed stainless probes, each .1 sq in
- Core probes – 2, 1/8" cobalt drills
- Table RAM – Nominal test force – 300 lbs ± .02%
- Air cylinder operated – 600 psi max
- Input power – 115 Volts ± 10% @ 750 VA
- Approximate size – 20" wide x 16" high x 12" deep
- Net weight – Approximately 100 lbs

Options and Accessories

- 220 Volt, 50/60 Hz Operation
- Spare Calibrated Replacement Button Block
- Specimen Heater with Controller (Factory set to 150°C)
- Compact Air Compressor
- Tip Cleaner Pad
- Air Filter
- Electronic Line Conditioner
- Specimen Shelf
- Pressure Regulator for Mill/Laboratory Air Lines
- Replacement Test Head *
- Dual Pressure Testing
- Panel Mounted Pressure Gauge
- Manual Air Shut-Off Valve
- Replacement Drills
- Copper Clad Calibration Plates
- Replacement Calibrated Drill Collars
- Spare Logic Printed Circuit Board
- Replacement Regulated Power Supply