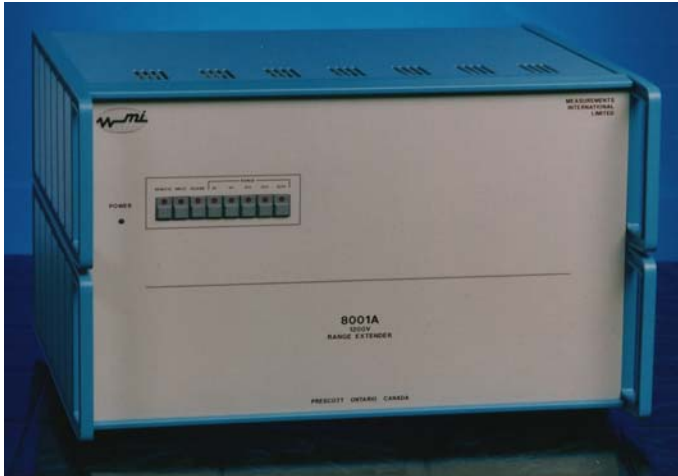




Measurements International

A Metrology Based Company



Model 8001A

1000 Volt
Automated DC Divider

*Calibration of Calibrators & DMM's
Calibration of Voltages to 1200 V
IEEE488 Programmable
Completely Self Calibrating*

General Description:

The model 8001A extends the measurement range of the model 8000A Potentiometer to 1200 volts. All voltages are calibrated directly against the 10V reference. The 8001A includes ranges of 30, 120, 300 and 1200 volts. An infinite number of taps are available over all the ranges.

The 8001A resistive divider maintains excellent short term drift and is self calibrating using the 8000A Potentiometer and a stable 10 volt reference. The 8001A is fully automatic and can be calibrated without manual intervention.

Measurements International's (8000SW) operating software controls both the 8000A and 8001A resistive divider and is available in both windows 95/96 and NT platforms. The system requires a stable 10V source (model 1000) and a DVM Detector (Fluke 8842A, HP3458A). Optimum performance is achieved using the HP 3458A as a guarded detector.

Model: 8001A

Specifications:

Ranges	30, 120, 300, 1200 Volt
Uncertainty	< 2 ppm
Long Term Drift	Not a factor due to self calibration
Input Impedance	40K Ohms per Volt
Output Impedance	1.2M Ohms Maximum
Operating Environment	18 to 34°C, 10 to 80% RH
Warranty	1 Year Parts & Labor

Dimensions:

265 x 450 x 380 mm

Weight:

14 kg

Shipping Weight:

18 kg

Accessories:

Operating Power:

100, 120, 220, 240V - 50/60 Hz

Distributed By:

How to Order:

Model: 8001A - DC Divider

Rev. 02/99/08

Data Subject to Change



Measurements International

118 Pirelli Dr. PO Box 2359, Prescott, Ontario, Canada K0E 1T0
Tel: (613) 925-5934 • Fax: (613) 925-1195 • North America: 1-800-324-4988