



Model 1000A 100-Volt Variable DC Reference

*7 Voltage Ranges: 1 to 100 Volt
Stability: <1 ppm - 8 Hours
Establish Voltage Coefficients
System or Stand Alone*

General Description:

The Model 1000A was developed as a low drift, stable, low noise 100-Volt Source for use with the Model 6000B High Resistance Bridge. However, its specifications also make it suitable for use as a stand alone, portable voltage source. It has outputs of 1, 2, 5, 10, 20, 50 and 100 volts. These voltages are switch selectable. The Model 1000A is an extension of the Model 1000 and uses the same reference for excellent short-term stability.

Model 1000A

Model 1000

10-Volt
DC Reference

*1.018 and 10-Volt Outputs
Excellent Short Term Drift
Accurate to ± 10 ppm
Rear and Front Panel Outputs
Battery Option*



General Description:

Designed for use with the automated high resistance systems Model 6000A and the automated potentiometer (Model 8000A). The Model 1000 can be used in any application requiring a portable, stable 10-volt or 1.018-volt reference source.

Revision 1

Specifications:

Nominal Value DC	1, 2, 5, 10, 20, 50, 100
Stability	< 1ppm for 8 Hours
Short Term Drift (2 Hour Warm Up)	< 1ppm for 8 Hours
Absolute Voltage	± 100 ppm
Noise	1 μ Volt
Operating Environment	18 to 30°C, 10 to 80% RH
Warranty	1 Year Parts & Labor

Dimensions:

139 x 222 x 381 mm

Weight:

3.6 kg

Shipping Weight:

4.0 kg

Accessories:

Rack Mount

Operating Power:

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

Model 1000

Specifications:

Data Subject to Change

Printed in Canada



Measurements International

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Form MI 67, Rev. 1, Dated 01-11-15 (QAP 19, App. "O")



Measurements International

A Metrology Based Company

Short Term Drift (2 hours stabilization)	< 1 ppm for 8 hours
Absolute Voltage: 10 & 1.018 Volt	±10 ppm
Noise	1μVolt
Operating Environment	18 to 30°C, 10 to 80% RH
Warranty	1 Year Parts & Labor

Dimensions:

139 x 222 x 381 mm

Weight:

3.6 kg

Shipping Weight:

4.0 kg

Accessories:

Battery Option

Rack Mount

Operating Power:

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

Distributed By:**How to Order:**

Model: 1000

10-Volt DC Reference

Model: 1000A

100-Volt Variable DC Reference