

Measurements International 1330A Artifact Transfer Standard

- Fully Automated Artifact Calibration of Calibrators and DMMs from a Single Instrument
 - Three Standards – One Box

Measurements International's recently launched Artifact Transfer Standard (1330A) is a highly versatile, accurate instrument that meets laboratory requirements for automated artifact calibration (to assign values to internally generated parameters) on calibrators and DMMs.

This process is typically performed using a small number of standards at recommended calibration intervals indicated in the calibrator or DMM manufacturers manual. The 1330A is composed of a temperature-controlled instrument enclosure, three reference standards, and a battery backup. A power supply is external (part of the power cable).



Features:

- Primary 1 Ω , 10 k Ω and 10 V references. *All standards provided in one temperature-controlled enclosure.*
- Clear connection for JVolt Comparison of 10 V Zener. *Providing highest level traceability.*
- Manual (push buttons on the front panel) or automated control (select by GPIB interface). *Ability to select appropriate standard (choice of 3) for calibration.*
- Output connections to calibrator or DMM on the front panel. *Choice of cables available (and supplied) feature direct plug-in for 57XX series calibrators or to the 3458A DMM.*
- Current standard value is extrapolated from prior calibrations. *Enhanced automation and improved accuracy.*
- Oven temperature monitored by internal PRT. *Provides better performance of artifacts as the temperature environment is stable and controlled to less than 100 m $^{\circ}$ C.*
- Calibrated values of the standards entered in the unit. *No requirement for set-up.*
- Front panel display showing certification value. *Quick access and reference to information.*

Link to the datasheet: <https://mintl.com/wp-content/uploads/1330A.pdf>