



SPECIFICATIONS FOR MODEL 1000 CALIBRATION SOURCE

MODEL 1000™

TEMPERATURE MEASUREMENT

READOUT	LARGE 13 MM LCD
SCALE RANGE:	0°C TO 60°C OR 32°F TO 140°F
AMBIENT OPERATING RANGE	0°C TO 60°C OR 32°F TO 140°F
ABSOLUTE ACCURACY:	±0.3°C TO ±0.5°C OVER ENTIRE RANGE
RESOLUTION:	0.1°C OR 0.1°F
REPEATABILITY:	±0.1°C OR ±0.1°F
CONTROLLER START-UP:	INSTANTANEOUS
EQUILIBRIUM TIME:	INSTANTANEOUS

OPTICAL CONSIDERATIONS

IRIS:	N/A
TARGET CONFIGURATION:	RE-ENTRANT CONCENTRIC RINGS
TARGET SURFACE:	PROPRIETARY HIGH EMISSIVITY (0.98 ±0.01) ALUMINUM OXIDE WITH SPECIAL HIGH EMISSIVITY PAINT OVERALL

ELECTRICAL INTERFACE

POWER SOURCE:	9V ALKALINE TRANSISTOR BATTERY
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GENERAL

HEATING METHOD:	NONE (ASSUMES AMBIENT TEMPERATURE)
WARRANTY:	ONE-YEAR LIMITED WARRANTY ON PARTS AND LABOR

EVEREST HAS A POLICY OF CONTINUED DESIGN UPGRADE. THEREFORE, WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

EVEREST INFRARED THERMOMETRY

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