



**FLIR Digital Multimeter: CAT
III 1000V/CAT IV 600V,
TRMS, Calibration
Certificate Included, 40,000**

Item 22UL81 Mfr. Model DM93-NIST

Compare

Product Details Catalog Page N/A

Brand **FLIR**

AC Response Calculation **TRMS**

Instrument Safety Rating **CAT III 1000V; CAT IV 600V**

Calibration Certificate Included **Yes**

Maximum AC Voltage Measurement **1,000 V**

Maximum DC Voltage Measurement **1,000 V**

Display Type **LCD**

Instrument Counts **40,000**

Maximum AC Current Measurement **10 A**

Maximum DC Current Measurement **10 A**

Multimeter Style **Full Size**

Parameters Measured

AC Voltage

DC Voltage

AC Current

DC Current

Capacitance

Frequency

Resistance

Temperature (K)

Data Logging **Yes**

Bluetooth Compatible **Yes**

Dustproof **Yes**

IP Rating **IP54**

Intrinsically Safe **No**

Removable Screen **No**

Thermal Imaging **No**

Waterproof **Yes**

AC Current Measurement Resolution **1 μ A**

AC Voltage Measurement Resolution **0.001 V**

Capacitance Measurement Resolution **10 pF**

DC Current Measurement Resolution **1 μ A**

DC Voltage Measurement Resolution **0.001 V**

Frequency Measurement Resolution **0.01 Hz**

Resistance Measurement Resolution **100 milliohm**

Temperature Measurement Resolution **0.1 °F**

Basic AC Current Accuracy **\pm 1.00%**

Basic AC Voltage Accuracy **\pm 0.5%**

Basic DC Current Accuracy **\pm 0.2%**

Basic DC Voltage Accuracy **\pm 0.50%**

Capacitance Measurement Accuracy **\pm 1%**

Frequency Measurement Accuracy **\pm 1%**

Resistance Measurement Accuracy **\pm 0.2%**

Temperature Measurement Accuracy **\pm 1%**

Includes **Battery; Instructions; Test Leads; Type K Temperature Bead Probe**

Manufacturer Part Number **DM93-NIST**

Audible Continuity **Yes**

Data Hold **Yes**

Maximum Resistance Measurement **40 megaohm**

Diode Test **Yes**

Auto Power Off **Yes**

Auto Ranging **Yes**

Standards **CE; UL**

Manufacturers Warranty Length **Limited Lifetime**

Bar Graph Included **Yes**

Battery Access **Yes**

Battery Size **AAA**

Minimum/Maximum Memory **Max/Min/Avg**

Computer Interface Connection Type **Bluetooth**

Weight **1 lb**

Maximum Storage Temperature **140 °F**

Minimum Storage Temperature **-30 °F**

Maximum Operating Temperature **122 °F**

Minimum Operating Temperature **14 °F**

Duty Cycle **Yes**

Maximum Capacitance Measurement **40 mF**

Maximum Frequency Measurement **100 kHz**

Maximum Temperature Measurement **2,192 °F**

Minimum Temperature Measurement **-328 °F**

Peak Hold **Yes**

Battery Chemistry **Alkaline**

Depth **7.4 in**

Overall Height **2 in**

Overall Width **3.2 in**

Fuse Access **Yes**

Min-Max-Avg Button Included **Yes**

Minimum Frequency Measurement **5 Hz**

Minimum Capacitance Measurement **40 nF**

Batteries Included **Yes**

UNSPSC **41113630**

Country of Origin **Taiwan (subject to change)**
