

2024 Specification Sheet - English

**LONG DESCRIPTION –**

Long Description Marketing Copy

True RMS for no-compromise accuracy. Measures voltage, current, resistance, capacitance and frequency. Tests continuity and diodes. Backlit LCD With Dual 10,000 Count Displays

PRODUCT NAME –

Page Title

10,000-Count Digital Multimeter, 1000V, 10A (DM-830A)

PRODUCT OVERVIEW –

Marketing Text 1

True RMS for no-compromise accuracy

Marketing Text 2

Measures voltage, current, resistance, capacitance and frequency

Marketing Text 3

Tests continuity and diodes

Marketing Text 4

Backlit LCD With Dual 10,000 Count Displays

Marketing Text 5

BeepJack warns when test leads are incorrectly inserted in current measurement terminals

Marketing Text 6

Automatic and manual range selection

Marketing Text 7

Relative offset mode to see changes in measurements

Marketing Text 8

Data hold

Marketing Text 9

Use optional USB interface DMSC-9U for direct-to-PC logging

Marketing Text 10

Lifetime Limited Warranty

Marketing Text 11

AC+DC True RMS gives accurate readings on complex waveforms

Marketing Text 12

Low impedance AutoCheck mode - automatically selects AC or DC volts, resistance or continuity. Low impedance masks ghost voltage pickup

Marketing Text 13

dBm function with 20 selectable reference impedance values

Marketing Text 14

Crest capture (peak hold)plus recording of max, min, max-min and average

Marketing Text 15

Two voltage detection modes - non-contact or using a single test lead

PRODUCT SPECIFICATION –

Product Specification 1

Amperage Measurement : 600, 6000 μ A; 60, 600mA; 6, 10A

Product Specification 2

Battery : (1) 9 V

Product Specification 3

Capacitance : 60, 600nF; 6, 60, 600 μ F; 6, 25 mF

Product Specification 4

Conductance : 99.99 nS

Product Specification 5

Display : Backlit LCD With Dual 10,000 Count

Product Specification 6

Frequency Measurement : 15Hz- 50kHz Sine Wave, 5Hz - 1MHz Logic Level Square Wave

Product Specification 7

Includes : (1) 9V Battery, Bead Temperature Probe (DM-820A, DM-830A Only, 400 DEG F/204 DEG C Max), Test Leads, Protective Boot, Carrying Case

Product Specification 8

Measurement Category : CAT IV, 1000 V

Product Specification 9

Replacement Part : TC-20 Carrying Case, TSG-3 Sure-Grip Test Leads, TPB Bead Temperature Probe (Included With DM-820A, DM-830A)

Product Specification 10

Resistance Measurement : 600 Ω ; 6, 60, 600 k Ω ; 6, 60 M Ω

Product Specification 11

Standard : CAT IV, C/UL US Listed, TRUE RMS, CE Listed

Product Specification 12

Temperature Rating : K Type, -58 To 1832°F (-50 To 1000°C)

Product Specification 13

Type : Digital

Product Specification 14

Voltage Measurement : 60, 600 mV; 9.999, 99.99, 999.9 V