

2024 Specification Sheet - English



LONG DESCRIPTION –

Long Description Marketing Copy

Measures voltage, current, resistance and frequency. Tests continuity and diodes. Backlit LCD with 6,000 count display. Two voltage detection modes - non-contact or using a single test lead

PRODUCT NAME –

Page Title

6,000-Count Digital Multimeter, 1000V, 8A (DM-510A)

PRODUCT OVERVIEW –

Marketing Text 1

Measures voltage, current, resistance and frequency

Marketing Text 2

Tests continuity and diodes

Marketing Text 3

Backlit LCD with 6,000 count display

Marketing Text 4

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

Marketing Text 5

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

Marketing Text 6

Automatic and manual ranges selection

Marketing Text 7

Relative offset mode to see changes in measurements

Marketing Text 8

Data hold

Marketing Text 9

Use optional USB / RS-232 interface DMSC-2U for direct-to-PC logging

Marketing Text 10

Lifetime Limited Warranty

Marketing Text 11

Accessories included: (2) 1.5V AAA batteries, bead temperature probe (DM-210A, DM-510A only, 400°F/204°C max), test leads, protective boot

Marketing Text 12

True RMS for no-compromise accuracy

Marketing Text 13

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

Marketing Text 14

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

Marketing Text 15

Measures capacitance

PRODUCT SPECIFICATION –

Product Specification 1

Amperage Measurement : 600, 6000 μ A; 60, 600mA; 6, 8A

Product Specification 2

Battery : (2) 1.5 V AAA

Product Specification 3

Capacitance : 60, 600 nF; 6, 60, 600, 3000 μ F

Product Specification 4

Display : Backlit LCD With 6,000 Count

Product Specification 5

Frequency Measurement : 10Hz - 50kHz Sine Wave, 5Hz - 999.9kHz Logic Level Square Wave

Product Specification 6

Includes : (2) 1.5V AAA Batteries, Bead Temperature Probe (DM-210A, DM-510A Only, 400°F/204°C max), Test leads, ProtectiveBoot

Product Specification 7

Measurement Category : CAT IV 300 V, CAT III 600 V, CAT II 1000 V

Product Specification 8

Replacement Part : TSG-3 Sure-Grip Test Leads

Product Specification 9

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

Product Specification 10

Standard : CAT IV, CAT II, C/UL US Listed, CAT III, CE Listed

Product Specification 11

Sub Brand : ESM

Product Specification 12

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

Product Specification 13

Type : Professional Plant Digital

Product Specification 14

Voltage Measurement : 60, 600 mV, 6, 60, 600, 1000V