

VOLTCRAFT®

VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

“Since 1982, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

55,000 COUNT

BENCH TYPE DMM DATALOGGER

Nº 2357060

CE

VERSION 12/21

This datalogger features a 3.7 inch 480 x 320-pixel LCD with a data resolution of up to 4 (1/2) digits and 55,000 counts. It can record up to 64 readings per second. It is CAT I 1000 V / CAT II 600 V and includes a true RMS AC voltage/current measurement function and an internal memory for up to 1,000 readings.

It is intended for indoor use only. Do not use it outdoors. Contact with moisture, e.g. in bathrooms, must be avoided under all circumstances.

FEATURES:

Data resolution of up to 4 (1/2) digits and 55,000 counts//

3.7 inch 480 x 320-pixel LCD display//

Record up to 64 readings per second//



TECHNICAL DATA:

AC current	500 μ A/5000 μ A/50 mA/500 mA/5 A/10 A, Accuracy: \pm (0.5 % + 20 digits)
DC current	500 μ A/5000 μ A/50 mA/500 mA/5 A/10 A, Accuracy: \pm (0.15 % + 10 digits)
AC voltage	500 mV/5 V/50 V/500 V/750 V, Accuracy: \pm (0.5 % + 30 digits)
DC voltage	50 mV/500 mV/5 V/50 V/500 V/1000 V, Accuracy: \pm (0.05 % + 5 digits)
Capacitance	50 nF – 500 μ F: \pm (2.5 % + 10 digits) 5 mF – 50 mF: \pm (5 % + 10 digits)
Resistance	500.00 Ω / 5.0000 k Ω / 50.000 k Ω / 500.00 k Ω / 5.0000 M Ω / 50.000 M Ω , Accuracy: \pm (0.15% + 5 digits)
Temperature measurement	Supports ITS90 K type and PT100 temperature sensors
Display	3.7 inch 480 x 320 pixel LCD
Resolutions	Max. 4 (1/2) digits, 55,000 counts
Reading rate	Max. 64 readings per seconds
Measurement bandwidth	20 Hz – 1 kHz
Interface	USB-B 2.0
System requirements	Windows Vista 32 bit, Windows 7 (32/64 bit) or later
Operating conditions	0 $^{\circ}$ C to +40 $^{\circ}$ C <75 % RH for 0 $^{\circ}$ C to +30 $^{\circ}$ C <50 % RH for +30 $^{\circ}$ C to +40 $^{\circ}$ C 0-2000 m altitude
Storage conditions	-10 $^{\circ}$ C to +50 $^{\circ}$ C <75 % RH for -10 $^{\circ}$ C to +30 $^{\circ}$ C <50 % RH for +30 $^{\circ}$ C to +50 $^{\circ}$ C
Dimensions (L x W x H)	200 x 92 x 148 mm
Weight	450 g

PACKAGE CONTENTS:

Bench type DMM (main unit) // Power cable // USB cable // 1 x test leads pair // Alligator clips // Spare fuse (1 A / 250 V) // Software and full manual (CD) // Operating instructions