

MARS Multimeters

MARS SERIES **657**



MARS Digital Multimeters

MARS digital multimeter #65748 is a compact pocket sized multimeter for measuring DC and AC voltage, DC current, resistance and diode. This economy digital multimeter offers full range overload protection and low battery voltage indication. Unit comes complete with a 9V battery and test leads, and also includes a temperature probe.

SPECIFICATIONS

FUNCTION	RANGE	RESOLUTION	ACCURACY
DCV	200 mV	100 μ V	$\pm 0.5\%$ of rdg $\pm 2D$
	2 V	1 mV	
	20 V	10 mV	
	200 V	100 mV	
	1000 V	1 V	
AC (50/60Hz)	200 V	100 mV	$\pm 0.8\%$ of rdg $\pm 2D$
	750 V	1 V	
DCA	200 μ A	0.1 μ A	$\pm 1\%$ of rdg $\pm 2D$
	2000 μ A	1 μ A	$\pm 1\%$ of rdg $\pm 2D$
	20 mA	10 μ A	$\pm 1\%$ of rdg $\pm 2D$
	200 mA	100 μ A	$\pm 1.2\%$ of rdg $\pm 2D$
	10 A	10 mA	$\pm 2\%$ of rdg $\pm 2D$
OHM	200 Ω	100 m Ω	$\pm 0.8\%$ of rdg $\pm 2D$
	2000 Ω	1 Ω	$\pm 0.8\%$ of rdg $\pm 2D$
	20 K Ω	10 K Ω	$\pm 0.8\%$ of rdg $\pm 2D$
	200 K Ω	100 K Ω	$\pm 0.8\%$ of rdg $\pm 2D$
	2000 K Ω	1 K Ω	$\pm 1\%$ of rdg $\pm 2D$
Diode Test	Test current 1.6mA: Voltage 2.8V		
Transistor Test	0-1000 hFE of PNP or NPN transistors		
* Temperature	-4 $^{\circ}$ F to 2498 $^{\circ}$ F -20 $^{\circ}$ C to 1370 $^{\circ}$ C		



65748



65749



65747

SERVICE & INSTALLATION

MARS Digital Clamp-On Meters

Features:

- AC Current • DC/AC Voltage • Resistance • Continuity Check
- Continuity check buzzer sounds at approx. 50 ohm max
- Peak Hold & Data Hold • 1.3" (33mm) Clamp Jaw Opening
- Large 0.68", 3-1/2 digit LCD with low battery indicator
- Includes test leads, manual and carry case
- Overload protection provided for all ranges
- Meets IEC 1010 Safety Standard • 9 volt battery included

Range: 0-600 A

Resolution: 1 A

Frequency: 50/60 Hz (+/- 1.5% rdg +/- 4 dgt)
40-400 Hz (+/- 2.5% rdg +/- 4 dgt)

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MARS NO.	DESCRIPTION	MARS PACK
65748*	Digital multimeter w/temperature	1
65749	Digital clamp-on meter	1
65747	Replacement temp. leads for 65748	1

