MEGOHMMETERS 5000V Digital/Analog







Specia oduct

eatures

► SPECIFICATIONS

MODEL	6505	
INSULATION TESTS		
Test Voltage/Range 500V 1000V 2500V 5000V	30kΩ to 2000GΩ (2TΩ) 100kΩ to 4000GΩ (4TΩ) 100kΩ to 10,000GΩ (10TΩ) 300kΩ to 10,000GΩ (10TΩ)	
User Programmable Test	40 to 1000V: 10V increments 1000 to 5100V: 100V increments	
Short Circuit Current	<1.6mA ± 5%	
$\begin{array}{c} \textbf{Accuracy} \\ \textbf{40} \textbf{G} \Omega \text{ to } \textbf{40} \textbf{G} \Omega \\ \textbf{40} \textbf{G} \Omega \text{ to } \textbf{10} \textbf{T} \Omega \end{array}$	$\pm 5\%$ of Reading \pm 3cts $\pm 15\%$ of Reading \pm 10cts	
DAR (1 min/30 sec)	0.02 to 50.00	
PI (10 min/1 min & user programmable)	0.02 to 50.00	
Capacitance Measurement	0.005 to 49.99µF; Max resolution 1nF	
Leakage Current Measurement	0.00nA to 3mA; Max resolution 1pA	
Programmable Run Time R(t)	1 to 60 minutes	
Discharge After Test	Yes, automatic	
Discharge Voltage Display	Yes	
Voltage Test/Safety Check	2500Vac/4000Vbc (16 to 420Hz); 1V Resolution	
Voltage Warning Indicator	Yes >25V	
Test Inhibition*	Yes >25V	
Guard Terminal	Yes	
ELECTRICAL		
Power Source	One 9.6V NiMH battery pack (included); Line power: 85 to 256Vac (50/60Hz)	

Contributes to the safety of electrical

installations and equipment

*Inhibit voltage is selectable at 3, 10 or 20% of test voltage

CATALOG NO. 2130.18	DESCRIPTION Megohmmeter Model 6505 (Digital, with An	alog Bargraph, Backlight, 500V, 1000V, 2500V,	
)
 Large backlig voltage and r Rugged, dua 	ht LCD dual-display with time, neasurements shown I wall, weatherproof field case d built to IEC safety standards		Extra large classic tool bag, three color-coded leads, one blue jumper lead for use with guard terminal, three alligator clips (600V CAT IV), US 115V power cord, rechargeable battery pack and user manual.
 Automatic dis discharge vol 	scharge and display of Itage		► PRODUCT INCLUDES
 Automatic tes (if live sample 		*Inhibit voltage is selectable at 3, 10 or 20% of test	voltage

CATALOG NO.

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Test voltage selections of 500V, 1000V,

Adjustable and programmable test voltage

Insulation measurements from 30kΩ

Automatic calculation of DAR and

 Direct measurement and display of capacitance and leakage current · Display resistance, test voltage and

Programmable test run times and

► FEATURES

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 True Megohmmeter[®] Simple operation

2500V and 5000V

(40 to 5100V)

PI values

run time

PI ratio times

to 10TΩ (10,000GΩ)

2130.18	Megohmmeter Model 6505 (Digital, with Analog Bargraph, Backlight, 500V, 1000V, 2500V, 5000V, Auto DAR/PI)	
Accessories (Optional		
2119.76	Lead – Set of 3, Color-coded 10ft 5kV Safety w/3 Color-coded Alligator Clips (1000V CAT IV) [15A] for use with Megohmmeter Models 5050/5060/5070/6505	
2119.77	Lead – Replacement, Set of 3, Color-coded 6ft 5kV safety for Megohmmeter Model 6505	
2119.85	Lead – Set of 3, Color-coded 10ft 5kV Safety with Integral Hippo Clips, and jumper lead for use with Megohmmeter Model 6505 (replacement for 5050/5060/5070)	
2119.86	Lead – Set of 3, Color-coded 25ft 5kV Safety with Integral Hippo Clips for use with Megohmmeter Models 5050/5060/5070/6505 [Jumper lead not included]	
2119.87	Lead – Set of 3, Color-coded 45ft 5kV Safety with Integral Hippo Clips for use with Megohmmeter Models 5050/5060/5070/6505 [Jumper lead not included]	

