MEGOHMMETERS

Digital/Analog & Multi-Function Voice, Data, Video Cable Testing



Models 1030, 1040 & 1045

For motors, cables, switchgear and general applications









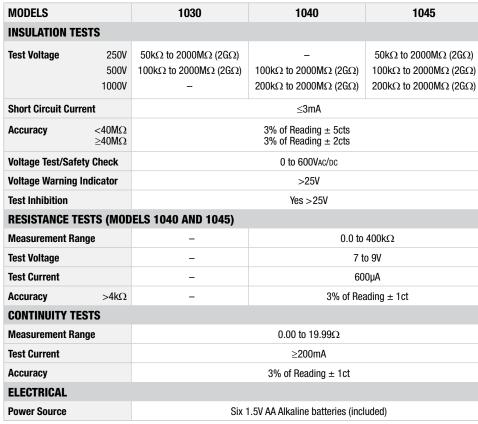
















► PRODUCT INCLUDES

1040 & 1045 Field Kit

Megohmmeter, soft carrying case, field case, two color-coded leads, two alligator clips, black test probe, remote test probe, batteries and user manual.



1035 Field Kit

Megohmmeter, soft carrying case, field case, color-coded leads, alligator clips, black test probe, two grip probes, remote test probe, batteries, and user manual.



► Soft carrying case Included with all Models

► Hands-free carrying case Catalog #2118.99 (optional)





Models 1035 & 1039

For voice, data and video cable applications

▶ FEATURES

- True Megohmmeter®
- Test voltage combinations of 250V, 500V and 1000V
- Insulation measurements to 2000MΩ (2GΩ)
- Automatic test inhibition (if live sample >25V)
- Automatic discharge for operator safety
- Multi-line, 4000-count, backlit, digital display with analog bargraph
- Resistance measurements to 400kΩ
- Continuity with 200mA test current
- Timer function for easy DAR and PI (Model 1045)
- Slip-proof, over-molded, protective rubber housing for rugged field use
- Includes test leads and soft carrying case
- Test voltage combinations of 50V, 100V, 250V and 500V (Model 1035)
- Insulation measurement to 20,000MΩ (20GΩ) (Model 1035)
- Insulation measurement to $400M\Omega$ (Model 1039)
- Capacitance measurement to 4000nF (Model 1039)
- Cable length measurement to 80.0km (>264,000 ft) (Model 1039)
- Ideal for telecom testing and high sensitivity measurements
- Backlit display (Models 1035, 1039, 1040 & 1045)













► SPECIFICATIONS

MODELS		1035	1039	
INSULATION TESTS				
Test Voltage	50V 100V 250V 500V	10kΩ to 2000MΩ (2GΩ) 20kΩ to 2000MΩ (2GΩ) 50kΩ to 20,000MΩ (20GΩ) 100kΩ to 20,000MΩ (20GΩ)	10k Ω to 400M Ω 20k Ω to 400M Ω –	
Open Circuit Voltage		<75V @ 50V, <150V @ 100V, <375V @ 250V, <750V @ 500V		
Short Circuit Current		≤3mA		
Accuracy		±3% of Reading ± 5cts		
Voltage Test/Safety Check		0 to 600Vac/dc		
Voltage Warning Indic	cator	>25V		
Test Inhibition		Yes >25V		
RESISTANCE TESTS				
Measurement Range		0.0 to 400kΩ	0.0 to 40.0k Ω	
Test Voltage		7 to 9V	7 to 9V	
Test Current		600μA $< 400Ω$; 6 μA $> 40Ω$	600μA < 400 Ω	
Accuracy >40	00kΩ	$\pm 3\%$ of Reading $\pm 1ct$	$\pm 3\%$ of Reading $\pm 1ct$	
CURRENT TESTS				
AC/DC Current Range	•	-	0.00 to 400mA (240A) (with probe option)	
CAPACITANCE/CABLE LENGTH				
Capacitance Range		_	0.00 to 4000nF	
Cable Length Range		_	0.000 to 80.0km	
VOLTAGE TESTS				
Measurement Range		_	0 to 400Vac	
Accuracy			$\pm 3\%$ of Reading $\pm 1ct$	
ELECTRICAL				
Power Source		Six 1.5V AA Alkaline batteries (included)		

CATALOG NO.	DESCRIPTION	
2116.89	Megohmmeter Model 1030 (Digital w/Analog Bargraph, 250V, 500V)	
2116.92	Megohmmeter Model 1040 (Digital w/Analog Bargraph, Alarm, Backlight, 500V, 1000V, 400kΩ, Continuity)	
2116.93	Megohmmeter Model 1045 (Digital w/Analog Bargraph, Alarm, Timer, Backlight, 250V, 500V, 1000V, 400kΩ, Continuity)	
2117.30	Megohmmeter Model 1040 Field Kit (Model 1040, Remote Test Probe & Field Case)	
2117.31	Megohmmeter Model 1045 Field Kit (Model 1045, Remote Test Probe & Field Case)	
2116.90	Megohmmeter Model 1035 (Digital w/Analog Bargraph, Alarm, Backlight, 50V, 100V, 250V, 500V, 400kΩ)	
2116.91	Megohmmeter Model 1039 (Digital w/Analog Bargraph, Alarm, Timer, ∆Rel, Backlight, 50V, 100V, mA, nF, km)	
2115.42	Megohmmeter Model 1035 Field Kit (Model 1035, Remote Test Probe & Field Case)	
Accessories (Optional)		
2118.97	Remote Test Probe	
2118.98	Field Case (Waterproof)	
2118.99	Hands-Free Carrying Case	