

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 400MΩ (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



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)	10kΩ to 400MΩ 20kΩ to 400MΩ - -
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 600V _{ac/dc}		
Voltage Warning Indicator	>25V		
Test Inhibition	Yes >25V		
RESISTANCE TESTS			
Measurement Range	0.0 to 400kΩ	0.0 to 40.0kΩ	
Test Voltage	7 to 9V		
Test Current	600μA < 400Ω; 6μA > 400Ω		
Accuracy >400kΩ	±3% of Reading ± 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 400V _c	
Accuracy	-	±3% of Reading ± 1ct	
ELECTRICAL			
Power Source	Six 1.5V AA Alkaline batteries (included)		

CATALOGNO.	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, ΔRel, 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



Technical Assistance (800) 343-1391

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