

# Megohmmeter Model 1015



The True Megohmmeter® Model 1015 is a compact, self-contained, battery-operated megohmmeter. This practical, dependable and rugged tester can be used for a broad range of plant and field service applications; it is designed for use in harsh environments such as mining, industrial, offshore and commercial electrical.

The Model 1015 permits insulation resistance testing at 500V and 1000V, and resistance measurements up to 1000Ω. These tests are completed with a constant test voltage across the measurement range.

The Model 1015 is an analog instrument with four easy-to-read scales. The megohm scale is an easy-to-read log

scale graduated from 0.1 to 1000MΩ (yellow background). The ohm scale is linear with a range from 0 to 10Ω (white background).

The AC voltage scale is linear with a range of 0 to 600VAC (white background). The colored battery scale displays in green for a good battery and in red for a battery in need of replacement.

A built-in battery tester is provided by simply pressing the yellow push button when the selector switch is in the OFF position. A voltmeter (safety check) with a range of 0 to 600VAC is standard.

Two polarity continuity ranges provide the operator with a very versatile instrument that will handle numerous

testing applications. The constant test voltage and dual polarity continuity range comply with international testing standards. Continuity tests are administered with a test current of 200mA.

The Model 1015 is supplied with a carrying case, shockproof rubber housing, two color-coded leads, black test probe, red alligator clip, spare fuse and batteries.

## Features

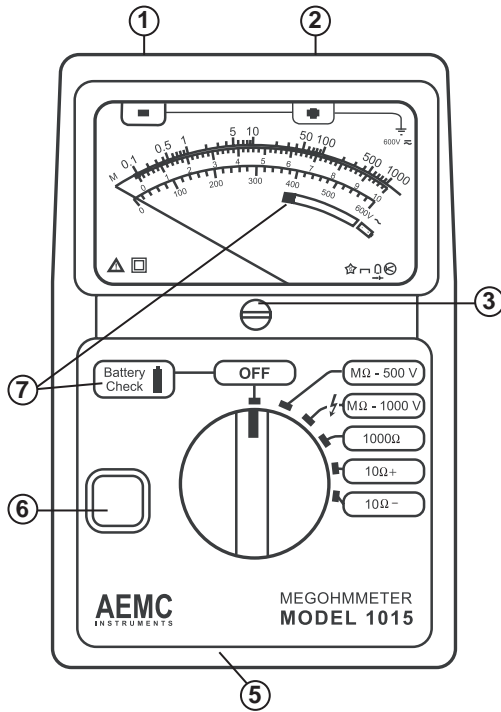
- True Megohmmeter®
- Test voltage combinations of 500V and 1000V
- Insulation measurements to 1000MΩ
- Push button for battery check
- Resistance range to 1000Ω
- 0 to 10Ω– and 0 to 10Ω+ continuity ranges
- Continuity measurements with 200mA test current
- Compact and lightweight
- Large, direct-reading, colored scale
- 600V test voltage range (safety check)
- Supplied with a yellow, non-slip, shockproof rubber housing and soft carrying case
- Designed to international testing and safety standards
- CE Mark

## Applications

- Acceptance testing and preventive maintenance
- Motors (AC and DC), transformers, cables
- Heaters, relays, circuit breakers
- Continuity checks
- Domestic and industrial contracting
- Rugged construction designed for mining, industrial, heavy-duty field, offshore and military applications

## Specifications

MODEL	1015
<b>ELECTRICAL</b>	
<b>INSULATION TESTS</b>	
Test Voltage	500V 1000V
	0.1 to 1000MΩ 0.1 to 1000MΩ
Short Circuit Current	≤6mA (max)
Accuracy	±5% of Reading
Automatic Discharge	1s/μF
Voltage Test/Safety Check	0 to 600VAc
<b>RESISTANCE TESTS</b>	
Measurement Range	0 to 1000Ω
Short Circuit Current	≥2mA
Test Voltage	4.5 to 6.5V
Accuracy	±3% of Full Scale
<b>CONTINUITY TESTS</b>	
Measurement Range	0 to 10Ω–, 0 to 10Ω+
Test Current	≥200mA
Open Circuit Voltage	4.5 to 6.5V
Accuracy	±3% of Full Scale
<b>GENERAL</b>	
Power Source	4 x 1.5V AA batteries
Dielectric Test	6000V 50/60Hz, 1 minute
Meter Movement	Rugged taut band suspension
Dimensions	6.6 x 4.2 x 2.2" (167 x 106 x 55mm)
Weight	1.45 lbs (650g)
Temperature Range	Operating: 14° to 131°F (-10° to 55°C), 20 to 80% RH Storage: -40° to 158°F (-40° to 70°C), 10 to 90% RH
Terminals	“–” Line (black); “+” earth (red); accept standard 4mm banana plugs
<b>SAFETY</b>	
Safety Rating	EN 61010-1: Safety requirements for electrical equipment for measurement, control and laboratory use VDE 0413-1: insulation testers, VDE 0413-4: ohmmeters, VDE 0100: Specifications for the creation of nominal voltage less than 1000V
CE Mark	Yes



1. Line (-) terminal
2. Earth (+) terminal
3. Mechanical zero adjustment screws
4. 4-position rotary switch
5. Protective rubber housing
6. Push-to-test button
7. Battery check and indication display



*Model 1015 includes carrying case, shockproof rubber housing, two color-coded leads, red insulated alligator clip, black test probe, spare fuse, batteries and user manual*

ORDERING INFORMATION	CATALOG NO.
<b>Megohmmeter Model 1015 (Analog, 500V, 1000V, Continuity)</b> . . . . . Includes carrying case, shockproof rubber housing, two color-coded leads, red insulated alligator clip, black test probe, spare fuse, batteries and user manual	<b>Cat. #1403.01</b>

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