



# Model 1165 IN

## Telecommunication & Electrical Insulation -Continuity- Voltage - Mov Tester

### Features

- Measures insulation (MΩ), Continuity (Ω) , AC and DC voltage
- 6 insulation test voltages (DCV): 50V, 100V, 125V, 250V, 500V, 1000V
- 68x34 mm (2.677x1.338 inch) large LCD
- Function rotary switch design for easier operation
- Intuitive operation for users
- User friendly interface
- Auto ACV/DCV detection
- Audible voltage warning
- DAR/PI indication
- Backlight function
- Automatic circuit discharge
- Test insulation at rated voltage into a 1mA load
- Auto ranging
- Fuse protection
- EnerSave function
- MOV test function



### Specifications

#### Insulation Resistance(GΩ)

Test voltage (DC V)	50V	100V	125V	250V	500V	1000V
Measuring ranges (Auto ranging)	50kΩ~400MΩ	100kΩ~800MΩ	125kΩ~1GΩ	250kΩ~2GΩ	500kΩ~4GΩ	1MΩ~8GΩ
Resolution	1kΩ~1MΩ	1kΩ~1MΩ	1kΩ~1MΩ	1kΩ~10MΩ	1kΩ~10MΩ	10kΩ~10MΩ
Accuracy	50kΩ~4GΩ: ±3%rdg				4GΩ~8GΩ: ±5%rdg	
Output voltage open circuit	+10%					
Output current	Up to 1mA DC					

#### DC Voltage

Range	0~ ±600V
Resolution	±1V
Accuracy	±1.5%rdg

#### Continuity

Measuring range	100Ω / 200Ω
Resolution	0.01Ω / 0.1Ω
Accuracy	±1.5%rdg
Short circuit terminal current	≤ 100mA DC min.
Open circuit terminal voltage	≥ 2.5V DC min

#### AC Voltage

Range	0~600V
Resolution	1V
Line frequency range	50Hz / 60Hz
Accuracy	±1.5%rdg

#### MOV Test

Test Voltage	90 ~ 1080Vdc
Voltage Results Accuracy	±3%



#### General

Dimensions	Dimensions 175(L) x 85(W) x 75(D) mm
Weight (battery included)	Approx. 665 g
Power source	1.5V alkaline (AA) x 8 batteries
Safety standard	IEC/EN 61010-1 CAT III 600V EN 61326-1

#### Accessories

- Instruction manual
- Test leads
- Soft pouch
- Shoulder belt
- Batteries

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