

Digital Insulation Multimeter with Analog Bar Graph

This digital insulation multimeter features a 3 3/4 display with a maximum reading of 3999 and an analog bar graph. It includes automatic range and shutdown functions, as well as an automatic range insulation test function.



Overview

Professional Insulation Testing

The Digital Insulation Multimeter is a versatile testing device designed for fault inspection and preventive maintenance in electrical equipment, cables, and household appliances. It combines comprehensive multimeter functions with advanced insulation resistance testing capabilities, featuring three selectable test voltages. With a high-contrast display including an analog bar graph and auto-ranging functionality, it provides professional testers with accurate and reliable data in a safe, CAT III rated package.

Key Features

Safety Rating

CAT III

Core Features

Auto-ranging, Analog Bar Graph, Insulation Test, Data Hold, Max/Min Recording, Auto Shutdown, Backlight

Insulation Testing

Test Voltages

- 250V
- 500V
- 1000V

Display

Display Type

3 3/4 digit LCD with analog bar graph

Maximum Reading

3999

Measurement Ranges

Measurement Parameters

Function	Range
DC Voltage	400mV - 600V
AC Voltage	4V - 600V
Resistance	400 Ω - 4000 Ω
Insulation (Megohm)	400M Ω - 4000M Ω
Frequency	4kHz - 400kHz
DC/AC Current (mA)	40mA - 400mA
DC/AC Current (A)	10A

Advanced Functions

Insulation Test Timer	30-second automatic stop
Additional Testing	Connectivity Test, Buzzer, Diode Test