

# 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 $\Omega$ - <del>400</del> $\Omega$
Insulation (Megohm)	400M $\Omega$ - 4000 $\Omega$
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