

K110 Insulation Resistance Testers

Product Overview

The K110 insulation testers are designed to evaluate the insulation condition of electrical equipment and household appliances. They measure insulation resistance between circuits or between circuits and ground. The series also supports AC voltage, low resistance, PI (Polarization Index), and DAR (Dielectric Absorption Ratio) measurements. These testers are ideal for verifying the safe and reliable operation of transformers, generators, high-voltage motors, capacitors, cables, arresters, and other electrical equipment.



Technical Specification

Test Voltage	Insulation Resistance Range	Accuracy
100V	0 MΩ ~ 100 MΩ	±(3%+5)
250V	0 MΩ ~ 99.9 MΩ 100 MΩ ~ 5 GΩ	±(3%+5) ±(5%+5)
500V	0 MΩ ~ 99.9 MΩ 100 MΩ ~ 5 GΩ	±(3%+5) ±(5%+5)
1000V	0 MΩ ~ 99.9 MΩ 100 MΩ ~ 5 GΩ	±(3%+5) ±(5%+5)
2500V	0 MΩ ~ 99.9 MΩ 100 MΩ ~ 9.9 GΩ 10 GΩ ~ 20 GΩ	—

Test voltage accuracy	0% ~ +10%
Short-circuit current	< 2 mA
AC voltage measurement	30V ~ 750V
AC voltage accuracy	±(2%+3)
Display count	2000
DAR	60s/15s, 60s/30s

Key Features

Auto range	High voltage indication
Low battery Indication	Over load indication
LCD Backlight	Auto Discharge
Light Alarm	Test voltage secondary display
Buzzer Alarm	10MΩ internal resistance test

Characteristics

Standard Accessories	Batteries, test leads, alligator clips, elastic strap, test probe
Power	1.5V battery (LR6) × 6
Display size	70.6 × 34 mm
Product dimensions	150 × 100 × 71 mm
Net weight	500 g