



**CAMBRIDGE INSTRUMENTS &
ENGINEERING CO.**



**INSTRUMENTS
FOR ACCURACY
& RELIABILITY**

DIT-5000

5000V DIGITAL INSULATION TESTER

High Voltage. High Performance. Maximum Safety.

DIT - 5000 is a high performance hand-held digital insulation tester designed for insulation resistance testing of electrical equipment such as transformers, motors, cables, switches, and appliances. Built for outdoor use with rugged design, advanced safety features and easy operation.

KEY FEATURES

	4 TEST VOLTAGES 500V / 1000V / 2500V / 5000V		WIDE MEASUREMENT RANGE 1MΩ - 200GΩ
	SAFE & RELIABLE Short-circuit current 1mA AC voltage measurement below 750V		LARGE LCD DISPLAY 3 ^{1/2} digit, 68 x 55 mm with backlight
	SMART FUNCTIONS Auto zero calibration, auto polarity display, over range indication		POWERED BY 6 x 1.5V AA batteries (6V Total)



5000V
MAX TEST
VOLTAGE

LARGE LCD
DISPLAY

HIGH SAFETY
DESIGN

BACKLIGHT
DISPLAY

LOW BATTERY
INDICATOR

RUGGED AND
RELIABLE

INSULATION TESTER SPECIFICATIONS

	Output Voltage	500V / 1000V / 2500V / 5000V
	Insulation Resistance	1MΩ - 200GΩ
	Short Circuit Current	1mA
	AC Voltage Measurement	Up to 750V
	Measurement Accuracy	1MΩ - 200MΩ : ±(3% x readout value +5 to the digit in the smallest decimal place) 200MΩ - 10GΩ : ±(5% x readout value +5 to the digit in the smallest decimal place) 10GΩ - 200GΩ : ±(10% x readout value +5 to the digit in the smallest decimal place)
	Display	LCD with backlight, 3 ^{1/2} digit
	LCD Screen Size	68 x 55 mm (35mm character height)
	LED Indicator	For high voltage operation mode
	Data Hold	Yes (Data hold & function symbol display)
	Low Battery Indication	Yes

GENERAL SPECIFICATIONS

	Power Source	6 x 1.5V AA batteries
	Outer Dimensions	218 x 122 x 75 mm
	Weight	Approx. 900 gram (including batteries)
	Operating Conditions	Temperature : 0°C to 40°C Relative Humidity : <80% Storage Temperature : -10°C to 50°C Relative Humidity : <85%
	Accuracy Guarantee	23±5°C, Relative Humidity <75%
	Accessories (Standard)	Set of dedicated test wires 1.5V AA batteries x 6 User Manual Attractive plastic carrying box

IDEAL FOR



**MOTORS &
GENERATORS**



TRANSFORMERS



CABLES



**SWITCHES &
SWITCHGEAR**



**ELECTRICAL
APPLIANCES**



**MAINTENANCE &
TESTING**



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'CIE' in a continuing effort to offer excellent products at a fair value, reserves the right to change models, specifications and designs without notice..