

PREMIER'S DIGITAL HIGH VOLTAGE BREAKDOWN TESTER

Model: PE 100



PE 100 – Premier's High Voltage Breakdown Tester

APPLICATIONS:

High Voltage Breakdown Test or Flash Test of insulation materials, electrical instruments, motors, transformers, chokes, coils, switches, domestic/ industrial appliances, heaters, etc.

SPECIFICATIONS:

Test Voltage	: A) 0- 3 KV B) 0- 5 KV C) 0- 10 KV Continuously adjustable by dimmer
Test Current	: 1) 0- 30 mA 2) 0- 100 mA 3) 0- 200 mA Digitally settable through keypad
Facilities	: Single button for HV Start, Stop, Pause, Resume : Audio buzzer when test on or when test fail : Remote switch on Probe for momentary start : Programmable timer (0.001 sec to 9999 hrs programmable) : Memory backup for auto restart after power failure
Display	: 4 digit, 0.5" Red LED display for test voltage : 4 digit, 0.5" Red LED display for test current : 4 digit, 0.5" Red LED display for timer
LED Indication	: For HV On : For HV Off : For Sample OK : For Sample Fail
Resolution	: 0.01 KV for test voltage : 0.1 mA for test current : Programmable for timer (0.001 sec to 1 hr)
Accuracy	: 0.6% +/- 1 count for test voltage and test current : 0.1% +/- 1 count for timer
Probe	: High durability HV probe with fault protection for user safety
Password Protection	: To prevent unauthorized changes in the settings and calibrations
Power Supply	: 230 V AC +/- 10 %

Order Code:

Model	O/p	Voltage	Leakage Current	Timer	
PE100	AC	B	1	M2	
	AC	A) 0- 3 KV	1) 0 - 30 mA	H1: hhhh	H2: hhh.h
	DC	B) 0- 5 KV	2) 0- 100 mA	H3: hh:mm	M1: mmmm
		C) 0- 10 KV	3) 0- 200 mA	M2: mm:ss	S1: ssss

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