

# 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- 5 KV  
 B) 0- 10 KV  
 C) Any Other  
 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  
 : Zero Start (On order)  
 : External connection to safety switch (On order)
- 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	Current	Timer	Optional
PE100	AC	5	30	S1	NA
	AC: AC DC: DC	5: 0-5KV 10: 0-10KV X: Pls Specify	30: 0-30 mA 100: 0-100 mA 200: 0-200 mA	S1:SSSS M1: MMMM H1: HHHH H2: HHH.H	NA- NONE ZS- ZERO START SS- SAFETY SW FS- FOOT SWI

Eg: PE 100-AC-5-30-S1-NA

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