

## GLOW WIRE TEST

### PE8000



Premier's Glow Wire Test Apparatus for checking of Resistance of insulating material to abnormal heat and fire

#### TEMPERATURE CONTROLLER SECTION :

- Display** : 4 digit, 12.5mm ht, red LED for Process Value  
4 digit, 12.5mm ht, red LED for Set Value
- Input** : Cr/AL 'K' type Thermocouple
- Range** : 0 to 1200 C.
- Resolution** : 1 C
- Accuracy** : +/- 0.5% +/- 1 count .
- Control Action** : PID or ON/OFF (selectable)
- Setting** : By means of Membrane key Switches
- Output** : One Changeover relay contact

#### PRESET TIMER SECTION:

- Display** : 4 digit, 12.5mm ht, red LED for Process Value  
4 digit, 12.5mm ht, red LED for Set Value

#### PREMIER ELECTROSYSTEMS

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**Range** : 0 – 999.9 Sec  
**Resolution** : 0.1 Sec  
**Accuracy** : 0.05 % +/- 1 count  
**Input** : from Limit Switch /relay contact  
**Set Point** : One No, Adjustable by membrane key switches  
**Output** : Internal to start Time Interval Meter

#### **TIME INTERVAL METER SECTION**

**Display** : 4 digit, 12.5mm ht, red LED  
**Range** : 0 – 999.9 Sec  
**Resolution** : 0.1 Sec  
**Accuracy** : 0.05 % +/- 1 count  
**Input** : from Preset Timer – Internal  
**Stop** : Push button provided - Manual

#### **TEMPERATURE RISE TEST**

**Test Voltage** : 0 to 6 V AC measured on 4 digit 0.5 " ht. red LE  
Display, 0 – 20.00 Volt range, Resolution : 0.01 Volt &  
Accuracy : 0.6 % +/- 1 count

**Test Current** : Continuously adjustable by means of variac

0 to 30.0 A AC measured on 4 digit 0.5 " ht. red LED

Display, 0 – 30.0 At range, Resolution : 0.1 At &

Accuracy : 0.6 % +/- 1 count

**FACILITIES** :

**Push Button Controls for Glow Wire Test ON**

**Temp Rise Test ON**

**Test OFF/OVER**

**External Temperature measurement selector switch with i/p terminals**

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