

# Prestige ELECTRONICS

PRODUCTS MADE TO PERFECTION

## WINDING RESISTANCE METER



### MODEL: PE-18RP DUAL

(FOR DISTRIBUTION TRANSFORMERS, MOTORS,  
GENERATORS)



**WE ARE CONDUCTIVE TO RESISTIVE MEASUREMENTS**

[www.prestigeelectronics.com](http://www.prestigeelectronics.com)

## FEATURES

- 4.5 Digit Display
- 10 MVA/33 KV to 100 KVA
- Max Test Current 1A
- Fast Response
- Dual Channel
- $1\mu\Omega$  Resolution
- OLTC Measurements
- High Accuracy
- Heat Run Testing
- Software
- PC Interface

## GENERAL SPECIFICATIONS

- DISPLAY : 4 Line Backlit LCD Display
- POWER: 230V  $\pm$  15%, 50/60 Hz
- OPERATING TEMP :5° TO 45° C
- TEMP COEFFICIENT : 50 P.P.M
- PROTECTION : AGAINST INDUCTIVE BACK EMF/SURGES, OVER TEMPERATURE & POWERFAILURE.

## TECHNICAL SPECIFICATIONS

Test Current	Range	Accuracy
I1 (1A)	19.999m $\Omega$ , 199.99m $\Omega$ , 1.9999 $\Omega$ 19.999 $\Omega$	+/- 0,05% of range
I2 (0.1A)	199.99m $\Omega$ , 1.9999 $\Omega$ , 19.999 $\Omega$ , 199.99 $\Omega$	+/- 0.07% of reading except 0.1% of range
I3 (0.01A)	1.9999 $\Omega$ , 19.999 $\Omega$ , 199.99 $\Omega$ , 1.9999 k $\Omega$	+/- 0.07% of reading for 1.9999 k $\Omega$

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## APPLICATIONS

- Distribution Transformers upto 10MVA/ 33KV
- Generators
- Motors
- Live switchyard measurements

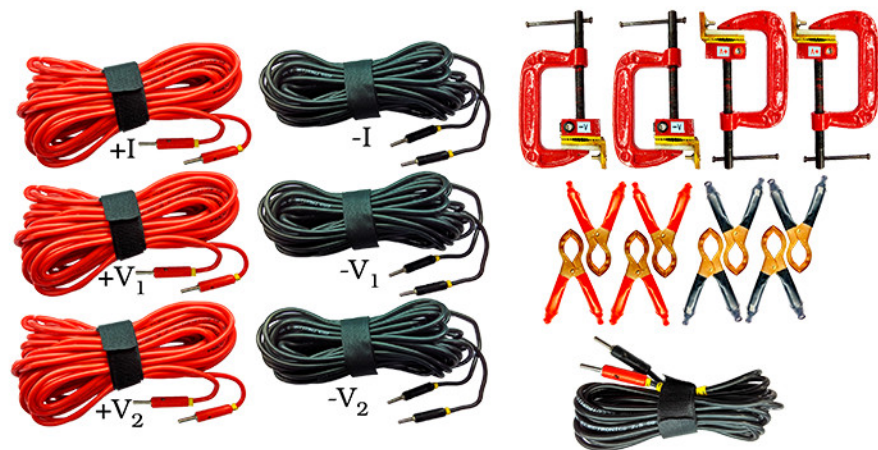
## ACCESSORIES

- 12m Probe Set
- 4 inch 'C' Clamps
- Crocodile Clip Set
- Instruction Manual
- Mains Cord
- Carrying Case

Carrying Case  
(Instrument + Probeset)

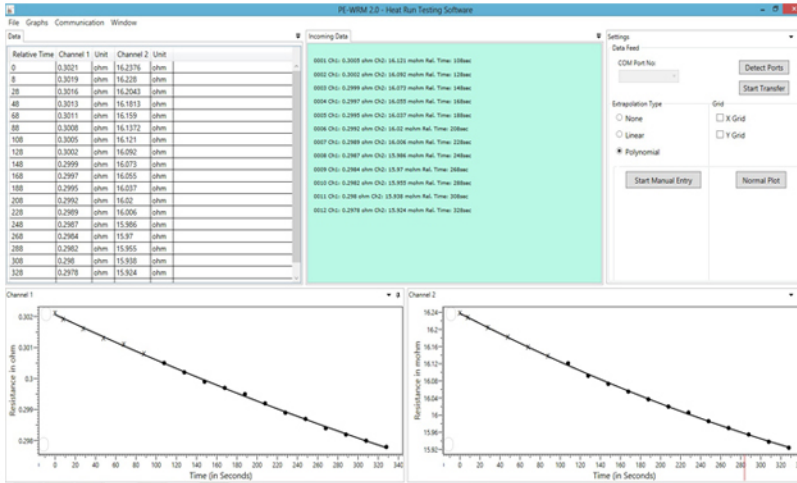


Probe Set



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# Heat Run Testing Software PE-WRM 2.0



Heat Run Main Window

Hot Temperature Calculation Window

Cold Resistance (Rc):

Cold Temp (in C) Tc:

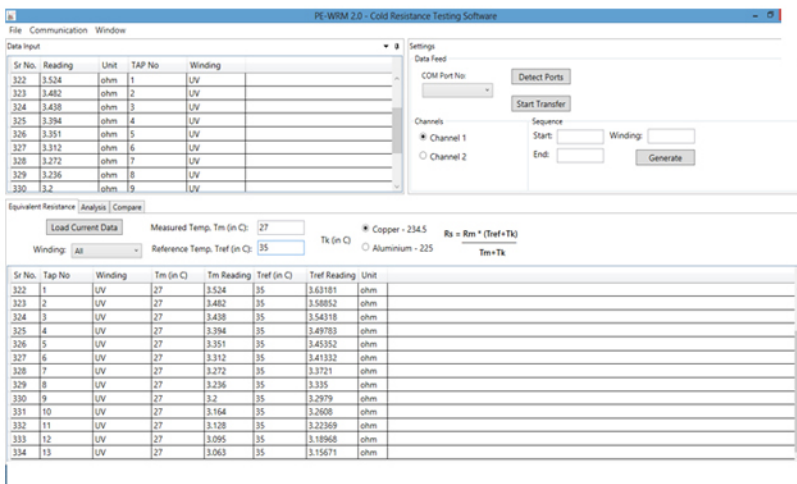
Hot Resistance (Rh):

Hot Temp (Th)

Constant (Tk)

Copper (235)

Aluminium (225)

$$Th = \frac{Rh(Tc + Tk)}{Rc} - Tk$$


Cold Resistance Window (Tap Changer Readings Window)

**Prestige** ELECTRONICS

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