

# Prestige ELECTRONICS

PRODUCTS MADE TO PERFECTION

## WINDING RESISTANCE METER



**MODEL: PE-18RC**

(FOR DISTRIBUTION TRANSFORMERS, MOTORS,  
GENERATORS)



**WE ARE CONDUCTIVE TO RESISTIVE MEASUREMENTS**

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

## FEATURES

- 4.5 Digit Display
- 10MVA /33kV to 5kVA
- Max Test Current 1A Upto 20 $\Omega$
- Fast Response
- Single Channel
- 1 $\mu\Omega$  Resolution
- OLTC Measurements
- High Accuracy
- Software for Heatrun Testing

## GENERAL SPECIFICATIONS

- DISPLAY : 2-line backlit LCD Display
- POWER: 230V  $\pm$  15%, 50/60 Hz
- OPERATING TEMP : 5° TO 45° C
- TEMP COEFFICIENT : 80 P.P.M
- OPEN CKT VOLTAGE : 32 V.DC  $\pm$  3 V.DC
- 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 $\Omega$	+/- 0.07% of range +/- 0.07% of reading
I2 (0.1A)	199.99 $\Omega$	+/- 0.07% of range +/- 0.07% of reading
I3 (0.01A)	1.9999 k $\Omega$	+/- 0.1% of range +/- 0.07% of reading

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## APPLICATIONS

- Distribution Transformers 10MVA/33KV
- Generators
- Motors

## ACCESSORIES

- 5m Probe Set
- Crocodile Clip Set
- Instruction Manual
- Mains Cord
- Carrying Case (Optional)

Carrying case



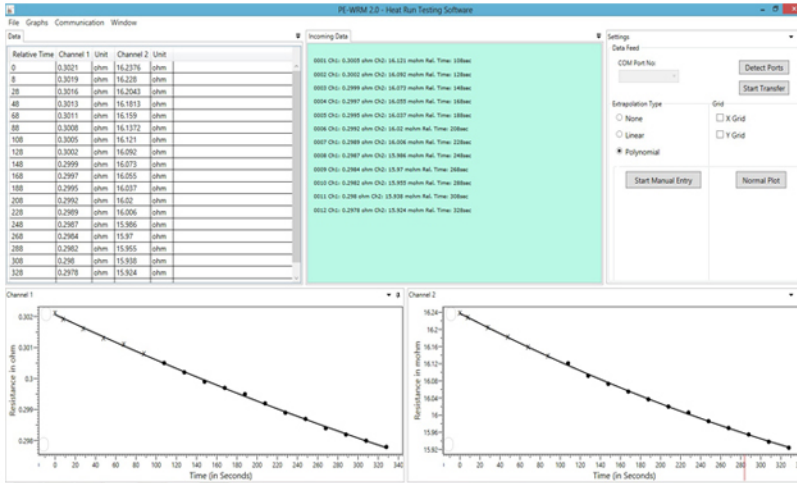
Probeset



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# Heat Run Testing Software PE-WRM 2.0



Heat Run Main Window

Hot Temperature Calculation Window

Cold Resistance (Rc):

Hot Resistance (Rh):

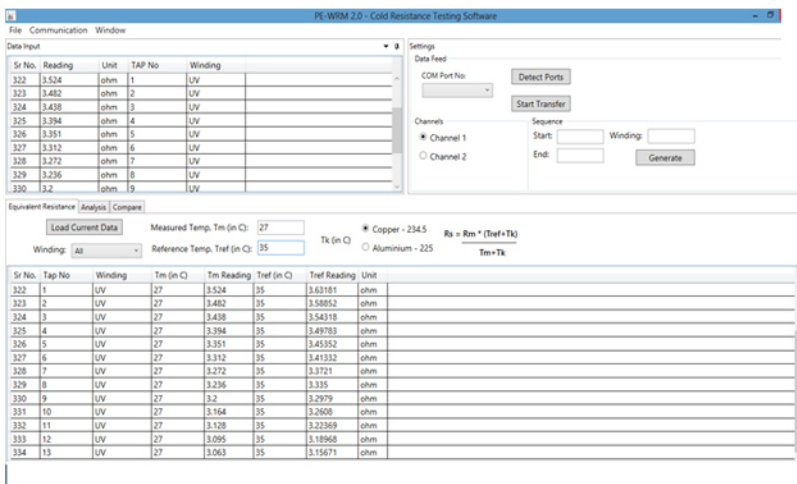
Hot Temp (Th)

Cold Temp (in C) Tc:

Constant (Tk)

Copper (235)

Aluminium (225)

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


Cold Resistance Window (Tap Changer Readings Window)

**Prestige** ELECTRONICS

ADDRESS: - 5/265, ASHIRWAD INDL ESTATE, RAM MANDIR ROAD, GOREGAON (W), MUMBAI: - 400104  
 TEL/FAX: - 02226763840/02226763911/02266978019  
 EMAIL: - sales@prestigeelectronics.com  
 WEBSITE: - www.prestigeelectronics.com

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