

# Prestige ELECTRONICS

PRODUCTS MADE TO PERFECTION

## WINDING RESISTANCE METER



### MODEL: PE-19RP DUAL

(FOR POWER & DISTRIBUTION TRANSFORMERS, FURNACE TRANSFORMERS, MOTORS, GENERATORS)



**WE ARE CONDUCTIVE TO RESISTIVE MEASUREMENTS**

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

## FEATURES

- 4.5 Digit Display
- 400 MVA/440 KV to 1 KVA
- Max Test Current 25A
- PC Interface with Heat Run Testing & Data analysis Software
- Heat Run Automation
- Fast Response
- Dual Channel
- 0.1 $\mu\Omega$  Resolution
- OLTC Measurements

## 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 (25A)	1999.9 $\mu\Omega$ , 19.999m $\Omega$ , 199.99 m $\Omega$ , 499.9 m $\Omega$	+/- 0,07% of range +/- 0.05% of reading except 0.1% of range +/- 0.07% of reading for 1.9999 k $\Omega$
I2 (10A)	1999.9 $\mu\Omega$ , 19.999m $\Omega$ , 199.99m $\Omega$ , 1.9999 $\Omega$	
I3 (1A)	19.999m $\Omega$ , 199.99m $\Omega$ , 1.9999 $\Omega$ , 19.999 $\Omega$	
I4 (0.1A)	199.99m $\Omega$ , 1.9999 $\Omega$ , 19.999 $\Omega$ , 199.99 $\Omega$	
I5 (0.01A)	1.9999 $\Omega$ , 19.999 $\Omega$ , 199.99 $\Omega$ , 1.9999 k $\Omega$	

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## APPLICATIONS

- Power Transformers  
400MVA/ 440KV
- Furnace  
Transformers
- Distribution  
Transformers
- 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)

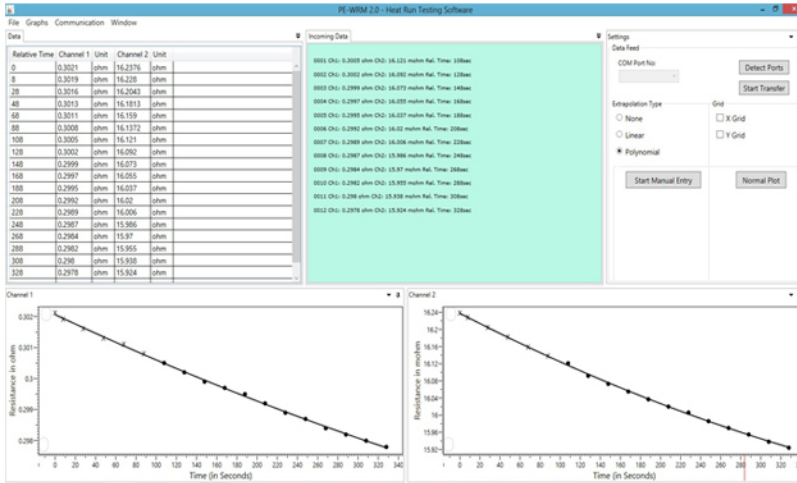


Probe Set



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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):

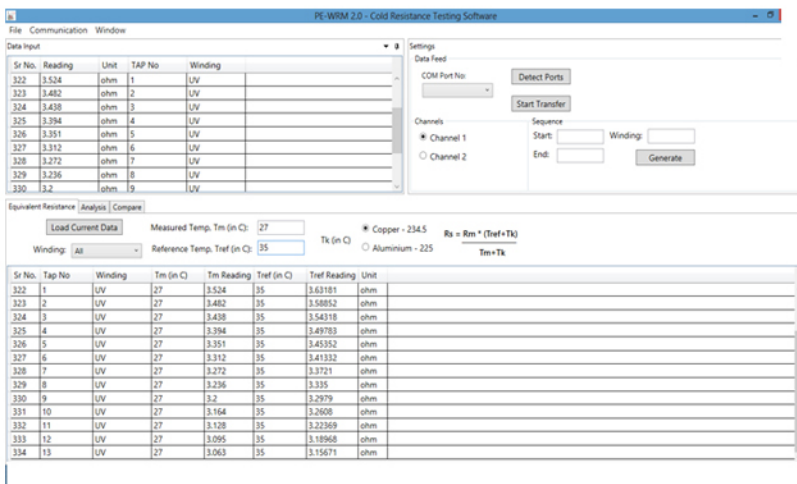
Hot Temp (Th)

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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