

Prestige ELECTRONICS

PRODUCTS MADE TO PERFECTION

WINDING RESISTANCE METER



MODEL: PE-17RA DUAL

(FOR POWER & DISTRIBUTION TRANSFORMERS,
MOTORS, GENERATORS)



WE ARE CONDUCTIVE TO RESISTIVE MEASUREMENTS

www.prestigeelectronics.com

FEATURES

- 4.5 Digit Display
- 400 MVA/440 KV to 1 KVA
- Max Test Current 10A
- 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 (10A)	1.9999m Ω , 19.999m Ω , 199.99m Ω , 1.9999 Ω	+/- 0,07% of range +/- 0.05% of reading except 0.1% of range +/- 0.07% of reading for 1.9999 k Ω
I2 (1A)	19.999m Ω , 199.99m Ω , 1.9999 Ω , 19.999 Ω	
I3 (0.1A)	199.99m Ω , 1.9999 Ω , 19.999 Ω , 199.99 Ω	
I4 (0.01A)	1.9999 Ω , 19.999 Ω ,199.99 Ω , 1.9999k Ω	

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APPLICATIONS

- Power Transformers
400MVA/ 440KV
- Distribution Transformers
- Generators
- Motors
- Live switchyard measurements

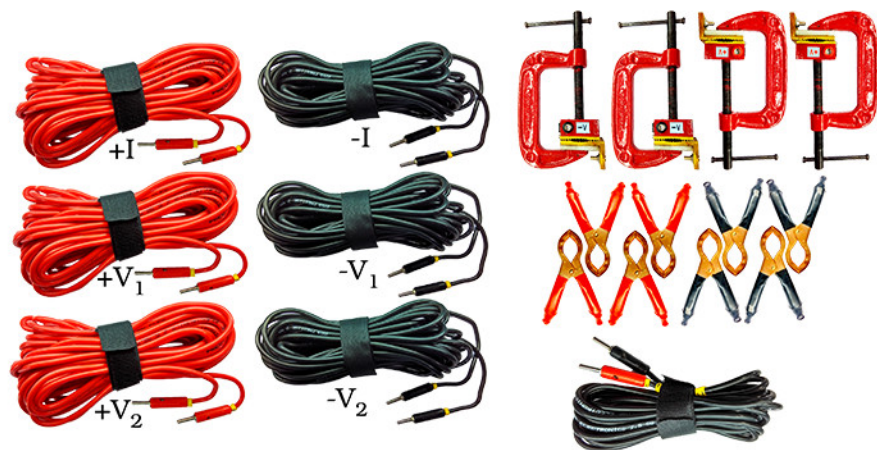
ACCESSORIES

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

Carrying Case
(Instrument + Probeset)

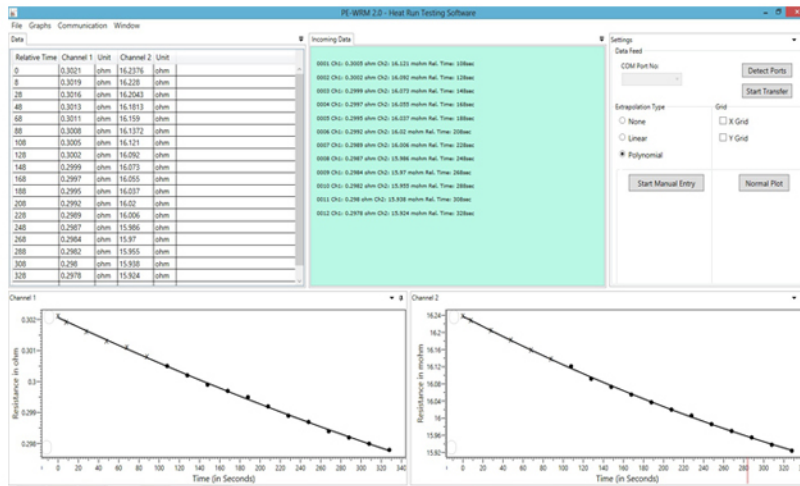


Probe Set



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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):

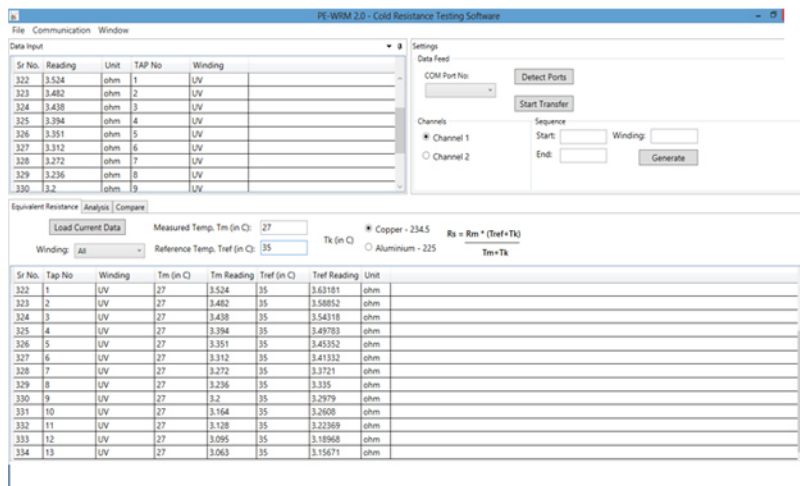
Hot Temp (Th)

Constant (Tk)

☒ Copper (235)

☐ Aluminium (225)

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



Cold Resistance Window (Tap Changer Readings Window)

Prestige ELECTRONICS

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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