

Contact Resistance Meter

PCRM - 100SM

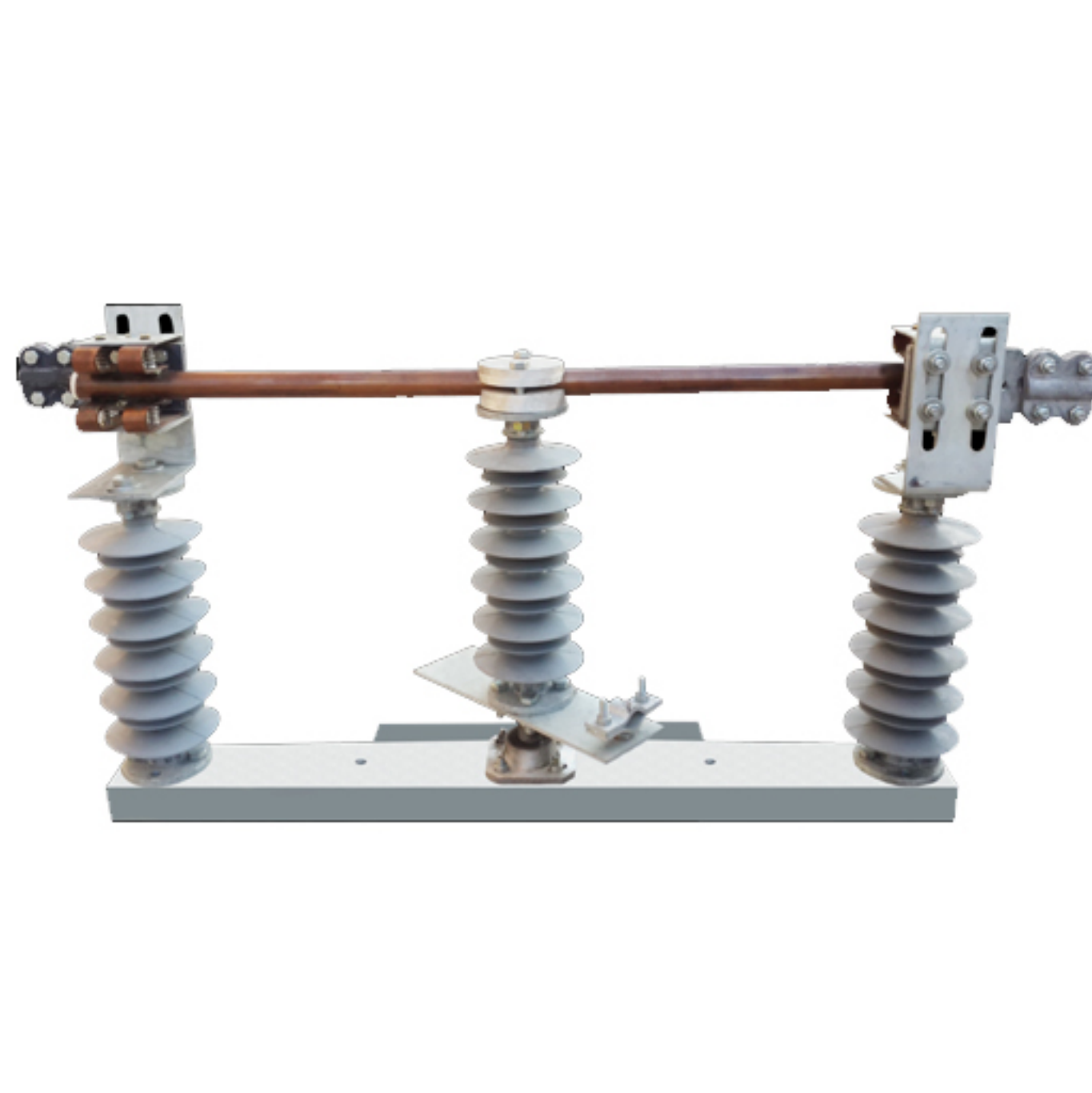
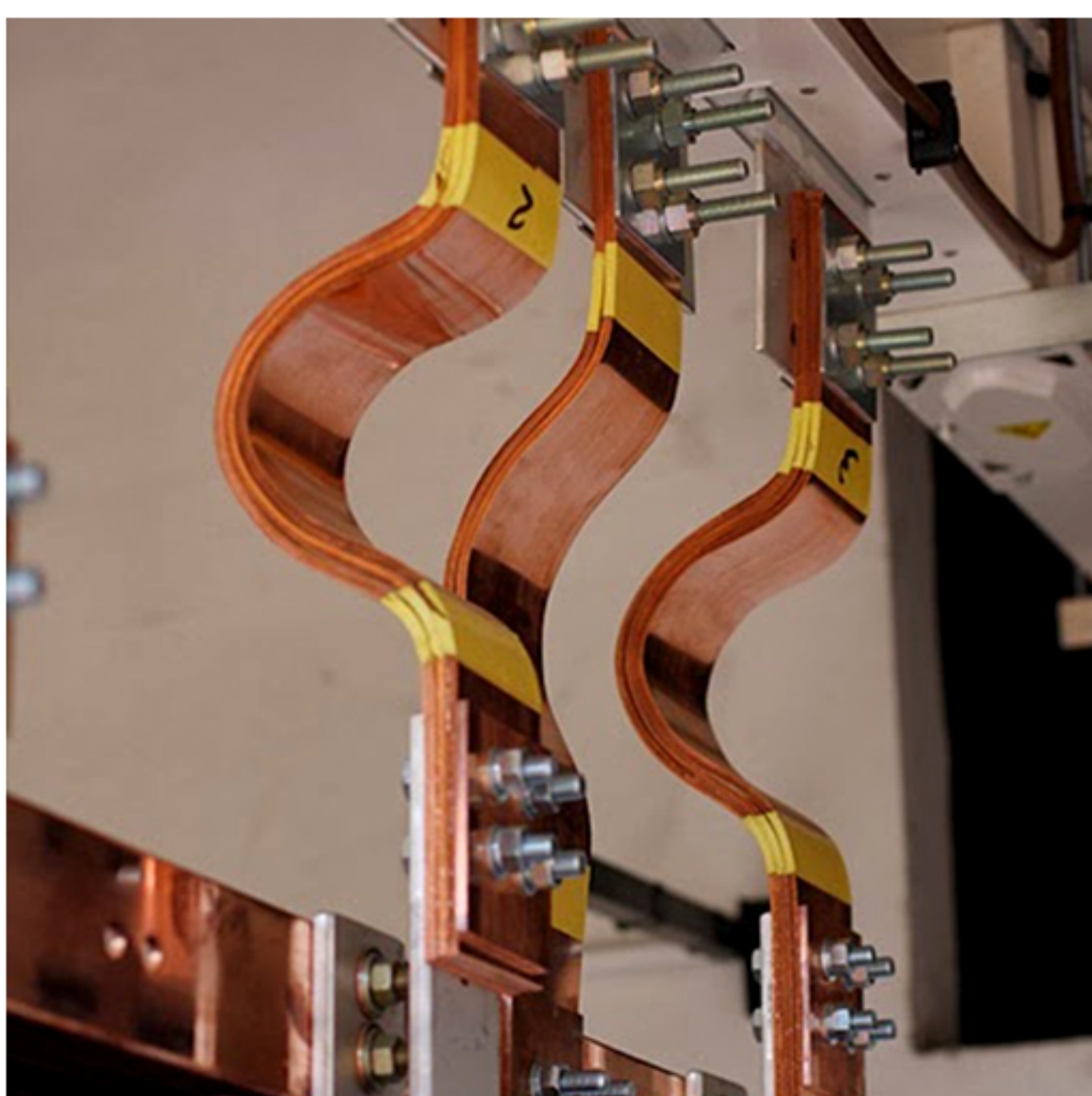
Features

- 100A True DC Test Current
- 0.1 $\mu\Omega$ resolution
- mV Drop Measurement
- Internal Memory for 100 test
- Dual ground for safety
- Lightweight & Portable
- Rust removing 'C' clamp



Description

Motwane's PCRM-100SM is True DC contact resistance meter designed for accurate & reliable results at very reasonable cost. The instrument is based on kelvin 4-wire connection method for measurement of low resistance. PCRM-100SM has true 100A DC test current suitable for testing Circuit breakers, Bus bar, Isolator & cables etc. It has dual ground feature considering safety of operator & equipment. PCRM-100SM is very lightweight & portable with heavy duty test leads with C clamps & crocodile clips to suit different applications.



Technical Specifications

Test Current	: 100 Amp DC
Range & Resolution	: 200 $\mu\Omega$ with 0.1 $\mu\Omega$ 2000 $\mu\Omega$ with 1 $\mu\Omega$
Accuracy	: $\pm 2\%$ of reading ± 1 Digit (From 10% of the range)
Measurement Principle	: Four wire measurements
Display	: 3 ½ LCD with backlit
Memory	: 100 Tests
Power Supply	: 100V to 250V, 50Hz ± 10 Hz
Power Consumption	: 35VA

Environment Condition:	
Operating Temperature	: 0- 50 ° C
Storage Temperature	: 0- 55 ° C
Humidity	: less than 95% RH, Non condensing
Dimension (DxWxH)	: 320 X 435 X 188
Weight	: 7Kg Approx.

Applications

Circuit Breaker contact resistance | Busbar Joits | Isolator contacts | Weld Joints | Bond resistance

Standard Accessories

- 15 mtr heavy duty lead set with C Clamp
75mm opening
- Master Earthing lead set (5mtr)
- Power cord
- User manual
- Calibration Certificate
- Spare fuse (250mA / 250V slow blow)
- Carry Case

Optional accessories

- 22 mtr heavy duty lead set**
- C Clamp 50mm jaw size
 - C Clamp 100mm jaw size
 - C Clamp 150mm jaw size
 - Heavy duty crocodile clip 32mm jaw size
- 15 mtr cable (heavy crocodile clip 32mm opening)**

Notes

1. The Instrument is accompanied with Test & calibration sheet. 2. Test Facilities can be provided at the factory with the available test set-ups only. 3. The company's policy is continuous improvement of its products. We therefore reserve the Right of any deviation from illustration or specifications without notice. 4. Stated accuracies are valid from 10% of the range to 95% of the range. 5. Accuracy Specified for temperature range of 25°C \pm 5°C & 55% RH \pm 10%



Designed and Manufactured by:

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