



Application

This setup is designed for calibration of:

- Moving Iron (MI) Ammeter
- Dynamometer Type Wattmeter

Calibration is carried out with reference to standard DC PMMC (Permanent Magnet Moving Coil) instruments to ensure measurement accuracy and reliability.

System Configuration

Each calibration setup consists of the following components:

Standard Reference Instruments

- **Standard DC PMMC Ammeter**
 - Range: 0–1A
 - High accuracy reference instrument
- **Standard DC PMMC Voltmeter**
 - Range: 0–10V
 - Precision grade for calibration comparison

DC Power Supply

- Output Voltage: 0–12V DC (Variable)
- Current Rating: 1A
- Regulated output for stable calibration conditions

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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**Load Unit**

- Rated Current: 1A
- Suitable for controlled loading during calibration procedure

Instruments Under Test (UUT)

- **Moving Iron Voltmeter**
 - Range: 0–10V
- **Dynamometer Type Wattmeter**
 - Current Range: 1A

Functional Capability

- Enables direct comparison between standard PMMC instruments and test instruments
- Suitable for laboratory calibration and educational training
- Provides stable DC conditions for accurate measurement verification

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