

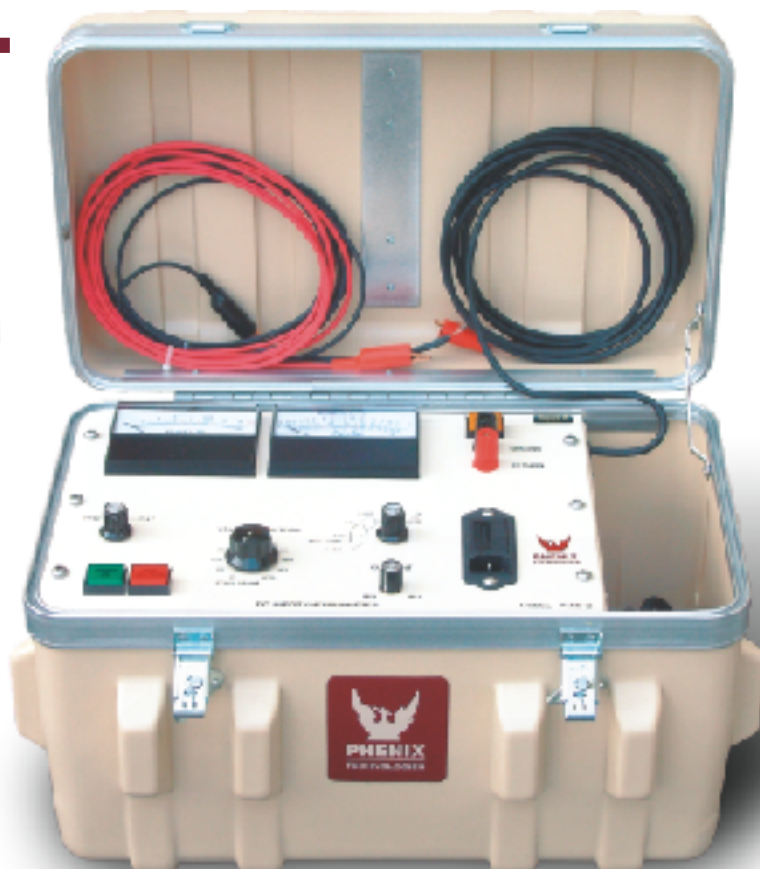


PHENIX
TECHNOLOGIES

PORTABLE DC HIPOT TESTER WITH MEGOHMMETER

Application

The PM15-2 is built with the most advanced high voltage technology available. The combination DC Hipot/high voltage Megohmmeter makes the PM15-2 extremely versatile and thus valuable for field or in-house applications. It incorporates a variable overcurrent trip circuit which will instantly de-energize the High Voltage power supply if such a condition is encountered. The trip setting can be as low as 10% or as high as approximately 110% of full scale reading. Overcurrent trip is indicated by an audible alarm. Designed with the technician in mind, the PM15-2 utilizes the latest in switching power supply technology which produces less ripple (.4% pk-pk at full output) and brings the total weight of the unit down to an incredible 15 lbs (6.8kgs).



MODEL PM15-2

Standard Features

- Integral megohmmeter measures insulation resistance up to 1,000,000 MOhms @ 5kV, 2,000,000 MOhms @ 10kV, and 3,000,000 MOhms @ 15kV.
- Output voltage is continuously variable to 15 kVDC
- "Zero Start" Safety interlock
- Adjustable overcurrent trip point
- Large easy-to-read analog meters
- Fully regulated output voltage
- Internal short circuit protection
- Illuminated pushbutton Guard Mode selection bypasses stray or unwanted leakage current
- Integrated cable storage bin
- Light weight, rugged design
- Off Zero and overcurrent trip buzzer

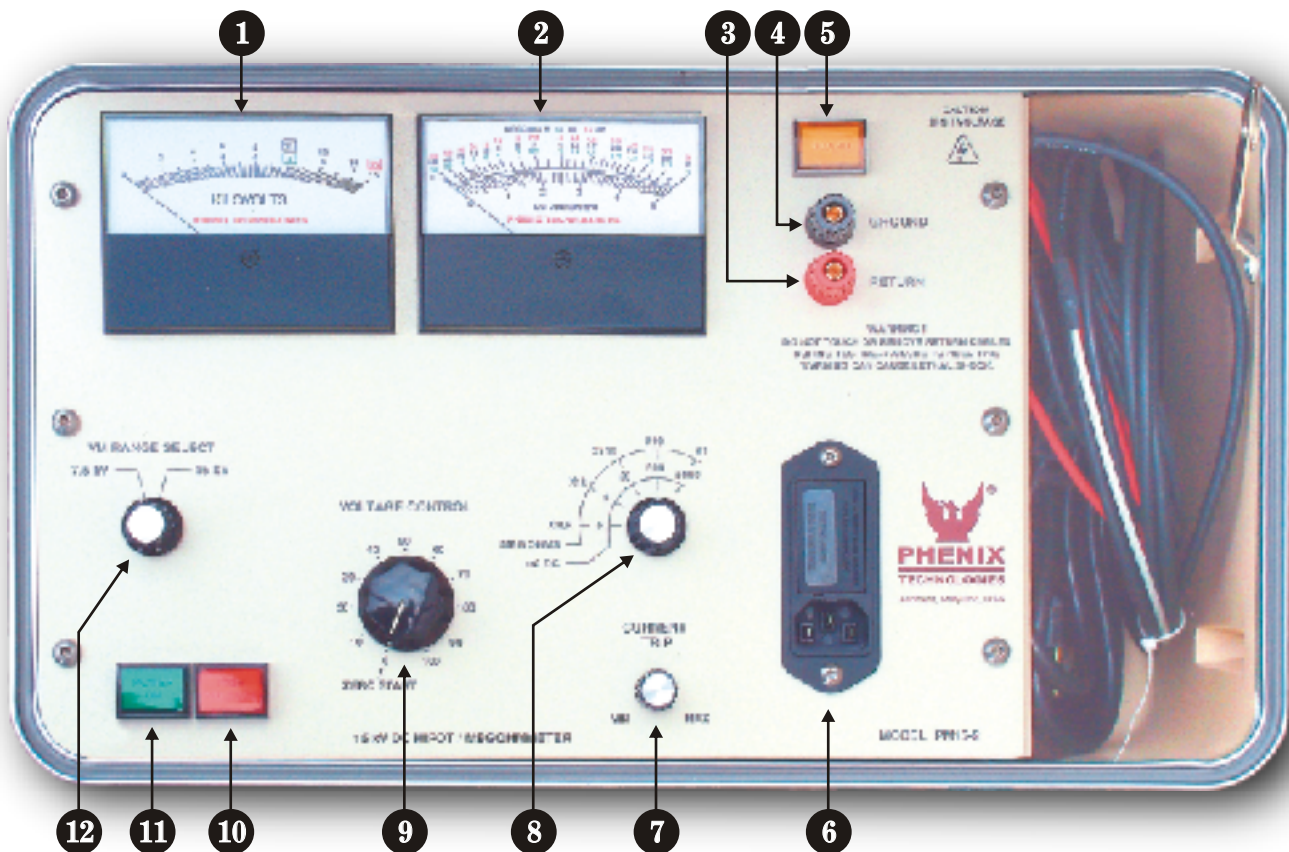
Specifications*

- INPUT: 120 V or 220 V, 50/60 Hz**
- OUTPUT: 0-15 kVDC @ 2 mA
- INSTRUMENTATION
- Voltmeter: 3 1/2" analog, 0-7.5/15 kVDC
- Current/Megohmmeter:
 - 3 1/2" analog,
 - 0-0.5/5/50/500/5000 microamps DC
 - 2.5-100/1,000/10,000/100,000/1,000,000 MOhms @ 5kV
 - 5-200/2,000/20,000/200,000/2,000,000 MOhms @ 10kV
 - 7.5-300/3,000/30,000/300,000/3,000,000 MOhms @ 15kV
- Accuracy: +/-2% F.S.
- Input Cables: 7 ft., 3 prong with ground
- Output Cables: 10 ft. shielded output cable
10 ft. Return and Ground cables
- Dimensions: 18" W (457 mm) x 11" D (279 mm)
x 12" H (305 mm)
- Weight: 15 lbs (6.8kg)

* Based on our commitment to continual research and development PHENIX Technologies reserves the right to update product specification without notice!

** Voltage must be specified.

Component Identification



Key

- | | | | |
|------------------------------------|------------------------------------|---|-------------------------|
| 1. Dual range voltmeter | 4. Ground terminal | 7. Trip setting adjust knob | 10. High Voltage ON/OFF |
| 2. DC currentmeter and megohmmeter | 5. Guard switch/lamp | 8. Selector switch for DC current and megohms | 11. Power ON/OFF |
| 3. Return terminal | 6. Fused receptacle for power line | 9. Output voltage control | 12. Voltmeter range |

The PHENIX Technologies Product Line

- High Voltage AC Dielectric Test Sets
- Resonant Test Sets
- Variable Frequency Resonant Test Sets
- DC Hipots and Insulation Test Sets
- Automatic Insulating Material Testers (D149)
- Microhmmeters
- Liquid Dielectric Test Sets
- Megohmmeters
- AC/DC Kilovoltmeters
- Partial Discharge Detector
- Vacuum/Oil Interrupter Testers
- Bucket Truck Testers
- High-Frequency Cable Aging Test Sets
- Heat Cycling Test Sets
- Rubber Goods-Protective Equipment Testers
- Core Loss Testers
- AC, DC and AC/DC Motor Test Sets
- Water Brake Dynamometers
- Transformer Test Sets
- Frequency Response Analyzer
- High Current / Circuit Breaker Test Sets
- Recloser Test Sets
- DC Power Supplies
- High Voltage DC Cable Thumpers
- High Voltage Terminations
- High Power Column-Type Variable Transformers
- High Power Thoma-Type Variable Transformers
- Voltage and Current Stabilizers
- Impulse Generators/Standard Capacitors/ Coupling Capacitors

Your local representative is



**PHENIX
TECHNOLOGIES**

75 Speicher Drive
Accident, MD 21520 USA
Tel: 301-746-8118
Fax: 301-895-5570
Email: info@phenixtech.com
<http://www.phenixtech.com>