



# AC, DC, or AC/DC Hipot/Megohmmeters

## Models PAD10-25, PAD56, PM6, and PM15-2

- Lightweight and ruggedly constructed for years of field use
- Units feature easy to read meters and user-friendly controls

### TESTING APPLICATIONS

Dielectric withstand testing, insulation resistance and leakage measurements.

All models measure leakage current flow through (or insulation resistance levels of) the ground insulation of the test object.

Use for testing switchgear, cables, motors, generators and many other devices.

Use for predictive, preventive maintenance on electrical apparatus.

### SAFETY & DESIGN FEATURES included on all models:

- Zero start interlock
- Guard circuit for stray leakage current bypass
- Surge and transient protection
- Direct megohm readings
- Internal short circuit protection
- Adjustable output current limit



Model PAD10-25



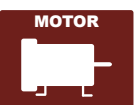
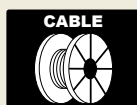
Model PAD56



Model PM6



Model PM15-2





**Model PAD10-25**



**Model PAD56**

Model PAD10-25					Model PAD56	
AC and DC testing capability 10 kV AC / 25 kV DC					AC and DC testing capability 5 kV AC / 6 kV DC	
LEAKAGE CURRENT	.02-5,000 microamps DC .1-10 milliamps AC Read directly on front panel meter				.01-5,000 microamps DC .1-5 milliamps AC Read directly on front panel meter	
	INSULATION RESISTANCE				INSULATION RESISTANCE	
Values up to 150,000 MΩ At test voltages of 0.5, 2.5, 5, or 15 kV DC (a scale factor for other test voltages is provided) Read directly on front panel meter					Values up to 1,000,000 MΩ At test voltages of 2.5 or 5 kV DC (a scale factor for other test voltages is provided) Read directly on front panel meter	
INPUT					INPUT	
120 VAC, 60 Hz, single phase, 1.2 Amps or 230 VAC, 50/60 Hz, single phase, .6 Amps					120 VAC, 60 Hz, single phase, .3 Amps or 230 VAC, 50/60 Hz, single phase, .15 Amps	
OUTPUT					OUTPUT	
≈0-10 kV AC, 0-10 milliamps ≈0-25 kV DC, 0-5 milliamps Negative output, positive ground					≈0-5 kV AC, 0-5 milliamps ≈0-6 kV DC, 0-5 milliamps Negative output, positive ground	
METERING					METERING	
4½" analog meter Accuracy: ±2% of full scale					3½" analog meter Accuracy: ±2% of full scale	
VOLT-METER					VOLT-METER	
3-ranges: 0-5/10/25 kV					2-ranges: 0-3/6 kV	
CURRENT					CURRENT	
0-1/10 milliamps AC 0-10/100/1000/5000 microamps DC					0-5 milliamps AC 0-.5/5/50/500/5000 microamps DC	
RESISTANCE MΩ	@ 500 V	@ 2,500 V	@ 5,000 V	@ 15,000 V	@ 2500 V	@ 5,000 V
	.05-5	.25-25	.5-50	1.5-150	.5-50	1-100
	.5-50	2.5-250	5-500	15-1,500	5-500	10-1,000
	5-500	25-2,500	50-5,000	150-15,000	50-5,000	100-10,000
	50-5,000	250-25,000	500-50,000	1,500-15,000	500-50,000	1,000-100,000
					5,000-500,000	10,000-1,000,000
UNIQUE FEATURES					UNIQUE FEATURES	
<ul style="list-style-type: none"> <li>Adjustable overcurrent trip point</li> <li>External interlock provision</li> <li>Internal discharge device</li> <li>Guarded measurement circuit</li> <li>Multi-range current and voltage measurement</li> </ul>					<ul style="list-style-type: none"> <li>Adjustable overcurrent trip point</li> <li>Internal discharge device</li> <li>Guarded measurement circuit</li> <li>Multi-range current and voltage measurement</li> </ul>	





**Model PM6**



**Model PM15-2**

Model PM6		Model PM15-2			
DC testing capability 6 kV DC		DC testing capability 15 kV DC			
LEAKAGE CURRENT	.01-5,000 microamps DC Read directly on front panel meter	.01-2,000 microamps DC Read directly on front panel meter			
INSULATION RESISTANCE	Values up to 1,000,000 MΩ At test voltages of 2.5 or 5 kV DC (a scale factor for other test voltages is provided) Read directly on front panel meter	Values up to 3,000,000 MΩ At test voltages of 5, 10 or 15 kV DC (a scale factor for other test voltages is provided) Read directly on front panel meter			
INPUT	120 VAC, 60 Hz, single phase, .3 Amps or 230 VAC, 50/60 Hz, single phase, .15 Amps	120 VAC, 60 Hz, single phase, 1 Amps or 230 VAC, 50/60 Hz, single phase, .5 Amps			
OUTPUT	≈0-6 kV DC, 0-5 milliamps Negative output, positive ground	≈0-15 kV DC, 0-2 milliamps Negative output, positive ground			
METERING	3½" analog meter Accuracy: ±2% of full scale	3½" analog meter Accuracy: ±2% of full scale			
VOLT-METER	2-ranges: 0-3/6 kV	2-ranges: 0-7.5/15 kV			
CURRENT	0-.5/5/50/500/5000 microamps DC	0-.5/5/50/500/5000 microamps DC			
RESISTANCE MΩ	@ 2500 V	@ 5,000 V	@ 5,000 V	@ 10,000 V	@ 15,000 V
	.5-50	1-100	1-100	2.0-200	3-300
	5-500	10-1,000	10-1,000	20-2,000	30-3,000
	50-5,000	100-10,000	100-10,000	200-20,000	300-30,000
	500-50,000	1,000-100,000	1,000-100,000	2,000-200,000	3,000-300,000
	5,000-500,000	10,000-1,000,000	10,000-1,000,000	20,000-2,000,000	30,000-3,000,000
UNIQUE FEATURES	<ul style="list-style-type: none"> <li>Adjustable overcurrent trip point</li> <li>Guarded measurement circuit</li> <li>Multi-range current and voltage measurement</li> <li>External discharge stick recommended</li> </ul>		<ul style="list-style-type: none"> <li>Adjustable overcurrent trip point</li> <li>Low ripple 0.4% peak-peak at full output</li> <li>Guarded measurement circuit</li> <li>Multi-range current and voltage measurement</li> <li>External discharge stick recommended</li> </ul>		



Model PAD10-25			Models PAD56, PM6, PM15-2		
CABLES INCLUDED	Input	10' (3 m) Standard modular 3-wire cord mating to fused input module	10' (3 m) Standard modular 3-wire cord mating to fused input module		
	High Voltage Output	10' (3 m) <b>removable</b> shielded cable with clip and insulator	10' (3 m) <b>attached</b> shielded cable with clip and insulator		
	Return Lead	10' (3 m) red lead with insulated clip	10' (3 m) red lead with insulated clip		
	Ground Lead	10' (3 m) green lead with insulated clip	10' (3 m) green lead with insulated clip		

## DIMENSIONS & WEIGHT

	Model PAD10-25	Model PAD56	Model PM6	Model PM15-2
L	16.5" (419 mm)	18" (457 mm)	18" (457 mm)	18" (457 mm)
W	15.25" (388 mm)	11" (279 mm)	11" (279 mm)	11" (279 mm)
H	11.25" (286 mm)	11.5" (292 mm)	11.5" (292 mm)	11.5" (292 mm)
WT	38 lbs (17 kgs)	23 lbs (10 kgs)	22 lbs (10 kgs)	16 lbs (7 kgs)

## SHIPPING SIZE

	Model PAD10-25	Model PAD56	Model PM6	Model PM15-2
L	21" (533 mm)	21" (533 mm)	21" (533 mm)	21" (533 mm)
W	21" (533 mm)	15" (381 mm)	15" (381 mm)	15" (381 mm)
H	16" (406 mm)	16" (406 mm)	16" (406 mm)	16" (406 mm)
WT	45 lbs (20 kgs)	26 lbs (12 kgs)	25 lbs (11 kgs)	20 lbs (9 kgs)

## RECOMMENDED ACCESSORIES

- Model GS100-2 Ground Stick, 2-piece design, with a 25' (8 m) ground lead
- Model DS100-2 Discharge Stick (100 kV, 100 kΩ, 50 kJ), 2-piece design, with a 25' (8 m) ground lead



High Voltage • High Current • High Power Test Systems and Components

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www.phenixtech.com

**World Headquarters**  
**Phenix Technologies, Inc.**  
 75 Speicher Drive  
 Accident, MD 21520 USA  
**Ph: +1.301.746.8118**  
**Fx: +1.301.895.5570**  
**Info@phenixtech.com**

### Branch Offices

**Phenix Systems AG**  
 Riehenstrasse 64, 4058 Basel, Switzerland  
**Ph: +41.61.383.2770 • Fx: +41.61.383.2771**  
**Info@phenixsystems.com**

**Phenix Asia**  
 Zhong Cheng Rd, Sec 1, No 177, 2F, Taipei 11148 Taiwan  
**Ph: +886.2.2835.9738 • Fx: +886.2.2835.9879**  
**Info@phenixasia.com**

