



# MOBILE HIGH CURRENT TEST SETS

## Models HC3 and HC5

These High Current Test Sets are ruggedly constructed for field use. Designed using the latest technology, these units combine a variable high current output with appropriate controls and instrumentation. The test set is ideal for testing thermal, magnetic, and solid-state motor overload relays as well as molded-case circuit breakers and ground fault trip devices. They can also be used in many other applications requiring a high current source.

## Specifications

**INPUT:** 220-240 VAC, 50 or 60 Hz  
25 Amp-Delay (HC3), 50 Amp-Delay(HC5)  
*(Frequency must be specified.)*

<b>OUTPUT:</b>	<b>HC3</b>	<b>HC5</b>
	0-15 V, 0-200 A	0-15 V, 0-333 A
	0-7.5 V, 0-400 A	0-10 V, 0-500 A
	0-3.75 V, 0-800 A	0-5 V, 0-1000 A

**OVERLOAD:** 4000 Amps      5000 Amps  
*Short duration overloads are possible on each tap. The test set is capable of 4000 Amps (HC3) / 5000 Amps (HC5), depending on the impedance of the test circuit.*

**DUTY CYCLE:** Continuous @ 100%  
5 min ON/15 min OFF @ 200%  
1 min ON/10 min OFF @ 300%  
10 sec ON/5 min OFF @ 400%  
3 sec ON/5 min OFF @ 500%

### INSTRUMENTATION:

<b>HC3</b>	<b>HC5</b>
<b>Currentmeter:</b> 4½ digit LCD	
Ranges:	
0-1.9999/19.999/199.99/4000 A	0-1.9999/19.999/199.99/5000 A
Accuracy:	
± 0.5% F.S. up to 2000 A	± 0.5% F.S. up to 2000 A
± 1.0% F.S. 2000 A to 4000 A	± 1.0% F.S. 2000 A to 5000 A
<b>Timer:</b> 6 digit LCD, in cycles or seconds	
Range: 0-999999 cycles or 0-9999.99 seconds	
Accuracy: ± 0.1% of reading	

### DIMENSIONS/WEIGHT:

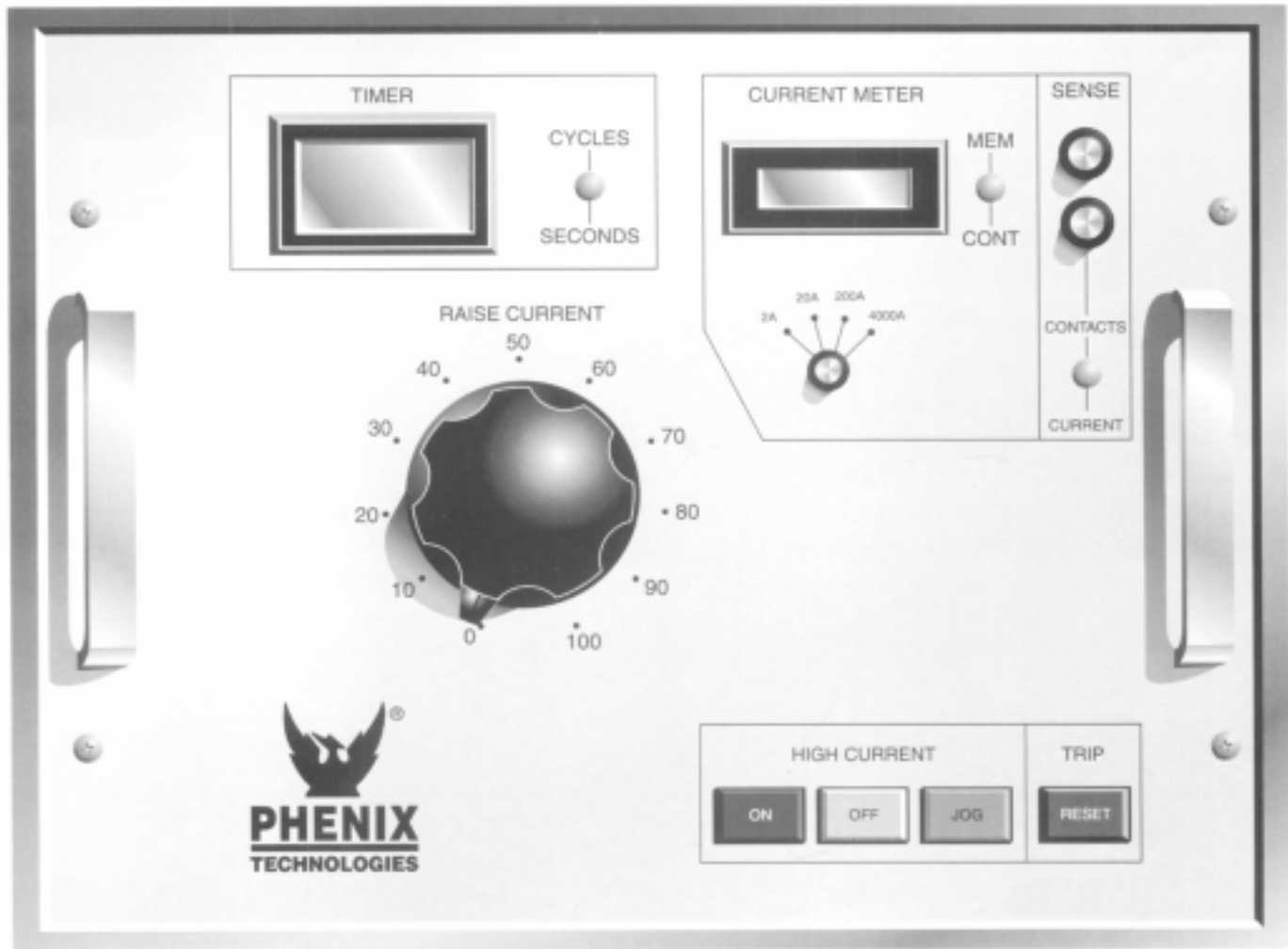
<b>HC3:</b>	23" W x 23" D x 46" H; 205 lbs. (585 mm x 585 mm x 1170 mm) (93 kg)
<b>HC5:</b>	23" W x 23" D x 46" H; 266 lbs. (585 mm x 585 mm x 1170 mm) (121 kg)



**OUTPUT LEADS:** 8' timer control leads (2)  
2' high current leads, 4/0 (4)  
4' medium current leads, 4 ga. (2)  
6' low current leads, 10 ga. (2)

*Specifications are subject to change without notice.*

## Control Panel Layout



## The PHENIX Technologies Product Line

- ▼ AC Dielectric Test Sets
- ▼ Resonant Test Sets
- ▼ DC Hipots and Insulation Test Sets
- ▼ Automatic Insulating Material Testers (D149)
- ▼ Liquid Dielectric Test Sets
- ▼ Megohmmeters
- ▼ 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
- ▼ Transformer Test Systems
- ▼ Computerized Circuit Breaker Test Sets
- ▼ Computerized 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

Your local representative is



  
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