

# AC Vacuum Interrupter Test Sets

## 40 kV and 60 kV Models



### Testing Applications

- Test vacuum interrupters in accordance with ANSI/IEEE C37.60 and IEC 62271 standards
- Can also be used for testing breakers, switchgear and many other apparatus

- **Ruggedly constructed** for years of field use
- Units feature **easy to read digital instrumentation, efficient controls**, and lightweight **resin cast transformers**
- **Simple set-up and operation**

### Model 640-0.4P

- 1-piece design
- High voltage On/Off pushbuttons with indicator
- Manual control of output voltage
- Emergency Off pushbutton
- Zero Start interlock
- Adjustable overload circuit
- Digital metering
- External interlock provision
- Guard mode for accurate current measurements
- Output overload indicator with reset switch
- Cable storage provision



Model 640-0.4P

### Model 660-10PA

- 2-piece design
- Center-tapped high voltage transformer
- High voltage On/Off pushbuttons with indicator
- Automated or Manual control of output voltage
- Remote control via Bluetooth connection (Android tablet and software included)
- Test report generation and test data storage
- Safety foot switch with 10' cable
- Shielded high voltage output cables with plug-in connectors
- Selectable rate of rise, 500 and 3000 volts per second
- Emergency Off pushbutton
- Slow and fast-acting transient protection on all meters and relays
- Failure indicator with reset switch
- Digital, direct-reading output voltmeter with memory feature
- Digital, direct-reading output currentmeter
- 120 or 220 V input, customer selectable
- External interlock provision
- Warning circuit
- Wheeled case for easy mobility
- Heavy duty canvas bag for cable storage

Model 660-10PA



MODEL		640-0.4P	660-10PA	
INPUT	Voltage/Current	110-120 V, 5 A 220-240 V, 3 A	110-120 V, 6 A 220-240 V, 3 A	
	Frequency	50/60 Hz	50/60 Hz	
OUTPUT	Voltage/Current	≈ 0-40 kV, 10 mA	±30 kV, total of 60 kV, 10 mA	
DUTY CYCLES	120 V input 20 min ON/30 min OFF @ 10 mA	5 min ON/15 min OFF @ 10 mA		
	220 V input 15 min ON/45 min OFF @ 10 mA			
DIGITAL METERING	Metering Accuracy	0.8% Reading +0.2% Full Scale	0.8% Reading +0.2% Full Scale	
	Voltmeter Range(s)	0-40 kV	0-60 kV	
	Currentmeter Range(s)	0-10 mA	0-10 mA	
DIMENSIONS & WEIGHTS	Controls	Length	18.5" (464 mm)	17" (432 mm)
		Width	10.75" (273 mm)	18" (457 mm)
		Height	19.5" (495 mm)	19" (483 mm)
		Weight	56 lbs(25 kgs)	57 lbs (26 kgs)
	HV Section	Length	one-piece design	17" (432 mm)
		Width		18" (457 mm)
		Height		19" (483 mm)
		Weight		55 lbs (25 kgs)
	Shipping Size	Length	22" (558 mm)	20" (508 mm)
		Width	14" (356 mm)	20" (508 mm)
		Height	24" (610 mm)	31.5" (800 mm)
		Weight	68 lbs(31 kgs)	66 lbs (30 kgs)
		Length		20" (508 mm)
		Width		20" (508 mm)
Height		20" (508 mm)		
Weight		77 lbs (35 kgs)		
CABLES INCLUDED	Input Power	8'(2.4 m)	8'(2.4 m)	
	Power Interconnect	10'(3m)	10'(3m) (2)	
	Ground	10'(3m)	10'(3m)	
	Output	10'(3m)	5' (1.5 m)	

### Options

- Custom cable lengths available.

### Environmental Operating Conditions

- 10-40°C, indoor/outdoor in fair weather
- Humidity <95% non-condensing
- Altitude <3300 ft (1000 meters)



#### 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 62A, 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

