

AC Vacuum Interrupter Test Sets

40 kV and 60 kV Models

Testing Applications

Designed primarily for vacuum interrupter testing; however, unit can be used for testing breakers, switchgear and many other apparatus

- **Lightweight** and **ruggedly constructed** for years of field use
- Units feature **easy to read digital instrumentation** and clean, **efficient controls**
- **Simple set-up** and **operation**

Safety and Design Features

- High voltage On/Off pushbuttons with indicator
- Zero Start interlock
- Slow and fast-acting transient protection on all meters and relays
- Digital metering
- Output overload indicator with reset switch
- All interconnect control, power, and output cables are included
- Cable storage provision
- Operation/maintenance manual

Model 640-0.4P

- 1-piece design
- Manual control of output voltage
- Emergency Off pushbutton
- Guard mode for accurate current measurements
- Adjustable overload circuit



Model 640-0.4P

Model 660-10P

- 2-piece design
- External interlock provision
- Automated control of output voltage with selectable rate of rise
- Digital timer
- Memory feature in output voltmeter to record breakdown voltage



Model 660-10P



MODEL		640-0.4P	660-10P		
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	≈ 0-60 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)	15" (381 mm)	
		Width	10.75" (273 mm)	10.5" (267 mm)	
		Height	19.5" (495 mm)	13" (330 mm)	
		Weight	56 lbs(25 kgs)	31 lbs(14 kgs)	
	HV Tank	Length	one-piece design	14" (356 mm)	14" (356 mm)
		Width		14" (356 mm)	17" (432 mm)
		Height		17" (432 mm)	66 lbs(30 kgs)
		Weight		66 lbs(30 kgs)	
	Shipping Size	Length	22" (558 mm)	21" (533 mm)	
		Width	14" (356 mm)	21" (533 mm)	
		Height	24" (610 mm)	16" (406 mm)	
		Weight	68 lbs(31 kgs)	39 lbs(18 kgs)	
		Length		20" (508 mm)	
		Width		20" (508 mm)	
		Height		20" (508 mm)	
Weight			79 lbs(36 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 Conditions

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



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