

# 7BT60 Series

## Vacuum Interrupter Test Set

■ The 7BT60 is a portable 60 kV AC (center tapped) test system designed to test the integrity of vacuum interrupters in switchgear. The output (current limited to 10 mA) is programmed to raise voltage at a preset rate to the desired test level. Once the unit reaches the preset voltage a dwell timer will hold the voltage at that level for the preset time duration. After the dwell time has elapsed, the unit will return to zero. Any failure during the test will be indicated on a "failure" lamp located on the front panel, and the breakdown voltage will be indicated on the Memory kV meter.



### FEATURES

- ☑ **Automatic Testing**
- ☑ **Dwell Timer**
- ☑ **Memory Kilovoltmeter**
- ☑ **Pre-programmable Output Kilovoltmeter**
- ☑ **Failure Indicator Lamp**
- ☑ **500 or 3000 V/sec Rise Time**
- ☑ **Removable High Voltage Section for operator safety**
- ☑ **Rugged Field Case**
- ☑ **Field Proven Reliability**

### BENEFITS

**Go, No-Go Test** with a PASS/FAIL indicator lamp.

**Minimum setup time** for quick testing.

**Self-contained**, single piece unit suitable for field use.

**One Step Testing** - the user sets the desired test parameters and the sequence is automatically run

### APPLICATIONS

- Electric Utilities
- Test Companies
- Petrochemical Utilities
- Facility Maintenance

## TECHNICAL SPECIFICATIONS

<b>Model Number</b>	<b>7BT60-*</b>	
<b>System Output (kV)</b>	0-60 kV (center tapped)	
<b>System Output (mA)</b>	20 mA	
<b>Rise Time</b>	500 V/s or 3000 V/s	
<b>Metering Accuracy</b>	0 ... 60kV / pre-settable, memory meter	
<b>Dimensions (W x H x D)</b>	12 x 34 x 12 in (30.4 x 86.4 x 30.4 cm)	
<b>Weight</b>	<b>Net</b>	96 lbs (45 kg)
	<b>Shipping</b>	125 lbs (57 kg)
<b>Input Voltage &amp; Frequency</b>	* In the model number, designate 'A' for <b>120 V/ 60Hz</b> input or 'B' for <b>230 V/50Hz</b> input	
<b>Included Accessories</b>	QTY 1: Interconnect Cable between controller and base, 25ft (7.6m)	
	QTY 2: Test Leads, 10ft (3m)	
	QTY1: Power Cord, 6ft (1.8m)	
	User's Manual	
	Calibration Certificate	

## SYSTEM CONTROL



## STANDARD OPTIONS AND ACCESSORIES

- SPK1-7BT60** – Spare Parts Kit for 7BT60
- EXT-WARN-1** – One-year extended warranty
- 7BT-INTLK-PEND** – Hand Switch Interlock, 12' lead
- HHDA13-280** – 120kV rated grounding stick



**POWERTRONICS PVT. LTD.**  
AN ISO 9001 : 2015 COMPANY

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