

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

Model Number	7BT60-*	
System Output (kV)	0-60 kV (center tapped)	
System Output (mA)	20 mA	
Rise Time	500 V/s or 3000 V/s	
Metering Accuracy	0 ... 60kV / pre-settable, memory meter	
Dimensions (W x H x D)	12 x 34 x 12 in (30.4 x 86.4 x 30.4 cm)	
Weight	Net	96 lbs (45 kg)
	Shipping	125 lbs (57 kg)
Input Voltage & Frequency	* In the model number, designate 'A' for 120 V/ 60Hz input or 'B' for 230 V/50Hz input	
Included Accessories	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