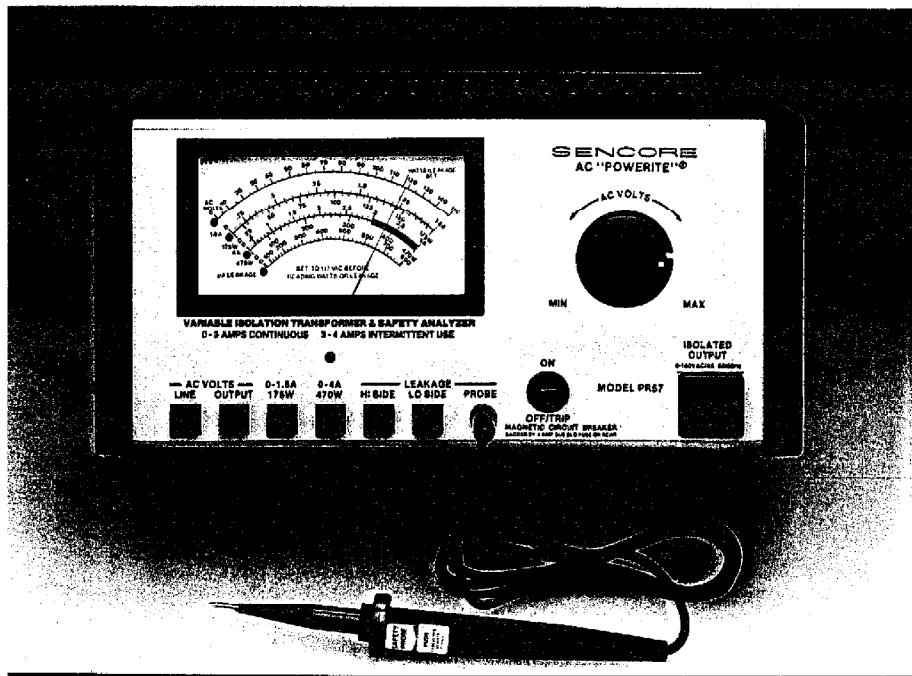


## PR57 "POWERITE"® Variable Isolation Transformer And Safety Analyzer



### Avoid Embarrassment And Risk—Know Beyond A Doubt That Your AC Power (and the equipment you service) Is Right And Safe

The PR57 "POWERITE"® lets you know that your AC power is right and includes a variable isolated 470 Watt power transformer to isolate your AC line and vary the output voltage from 0 to 150 volts. You'll monitor voltage, current, and wattage to prove that the equipment under test isn't drawing too much current at any voltage setting.

The PR57's AC line leakage safety test assures that excessive leakage is not present on any exposed part of the equipment being tested. Perform this important safety test on every customer's electronic products for his security and your piece of mind.

**Variable output supply is isolated for your protection.** The "POWERITE"® 470 Watt AC variable output transformer provides a continuously variable output voltage from 0 to 150 volts; a must for troubleshooting shutdown circuits. It protects you and your test equipment from shocking

overloads by isolating you (and the equipment under test) from the AC line.

**Solve challenging shut down problems and eliminate callbacks.** Lower the line voltage to solve tough shut down problems. Raise the line voltage to sweat out intermittents or sensitive parts. Test every set at high and low line voltage to avoid embarrassing callbacks. *Identify AC line related problems* like picture width, sync, and intermittents in the customer's home or test in the shop at their line voltage.

**Build additional profits with safety leakage checks.** Safety checks are easy with the PR57's patented test. Always test every chassis for leakage to add profit (and decrease liability) with the "POWERITE"®. Push a button and touch all the exposed metal parts with the PR57 probe. Any leakage reads on the meter. *All manufacturers require this safety test.* You get security, safety, and profit when you service AC

### Five Ways You Can Make Sure Your Power Is Right With A "POWERITE"®

- It's an isolation transformer.
- It's a variable AC supply.
- It's a power line monitor.
- It's an amp/watt meter.
- It's a safety leakage tester.

### PR57 "POWERITE"®

operated equipment with a "POWERITE"®

#### PR57 Specifications

##### Isolated Output

Voltage 0-140 VAC (typical) continuously variable. Current 0-3 Amps continuous, 3-4 Amps intermittent usage (five minutes on, five minutes off).

##### Meter Circuits

**Line Voltage:** 0-150 VAC  $\pm 3\%$  F.S. **Output Voltage:** 0-150 VAC,  $\pm 3\%$  F.S. **Output Current:** ranges 0-1.5, 0-4 A AC. **Accuracy:** 3 F.S. **Output Wattage:** ranges 0-175, 0-470 watts. **Method:** V x amps.

**Safety Leakage Test (U.S. Patent no. 4,352,058)**

**Range:** 0-800 uA,  $\pm 3\%$  F.S.; Includes safety probe with calibration test resistor.

##### General

**Meter:** 4 1/2", moving coil, 1900 ohm, 100 uA F.S. diode protected against overload. **Accuracy:**  $\pm 2\%$ . **Size:** 6" x 11 1/2" x 12 3/4" (15.2 x 29.2 x 32.4 cm) HWD. **Weight:** 18 lbs (8.2 kg).

**SENCORE**