

## PERFORMING DIELECTRIC LOSS MEASUREMENTS

is a basic method of insulation testing that effectively detects damp, and otherwise degraded insulation of electrical equipment. The Model 6010A is a Capacitance and Tan/Delta Test set that has been designed to be portable and simple to operate. It is perfectly suited to conduct a variety of insulation integrity tests on a broad range of electrical devices and cables.

# Model 6010A CAPACITANCE AND TAN/DELTA TEST SET

## FEATURES

- Selectable manual and automatic test methods
- Internal high-speed microprocessor control
- Integrated High-Voltage supply and reference capacitor
- Stable readings, even in electrically noisy environments
- Variable-frequency technology eliminates power frequency interference
- High-voltage dielectric loss function
- Integrated grounding detection feature

## SPECIFICATIONS

**Automatically Displays:** Capacitance, watt loss, power factor, test current and active power

**Capacitance Range:**

- 10kV <30,000pF
- 5kV <75,000pF
- 1kV <150,000pF

**Accuracy:** tan/delta  $\pm$  (0.1% rdg + 0.4 % range)  
Cx:  $\pm$  (1%rdg + 1.00pF)

**Maximum Resolution:** 0.0001pF

**Tan/Delta Range:** 0.001% resolution

**Tan/Delta Test Current Range:** 10uA-1A

**Internal HV selectable voltage range:** 0.1-10kV

**Maximum Output Current:** 200mA

**Selectable Test Frequencies:** 50Hz, 60Hz

**Automatic, Dual Variable Frequencies:**

45/55Hz, 47.5/52.5Hz, 57.5/62.5Hz, 55/65Hz

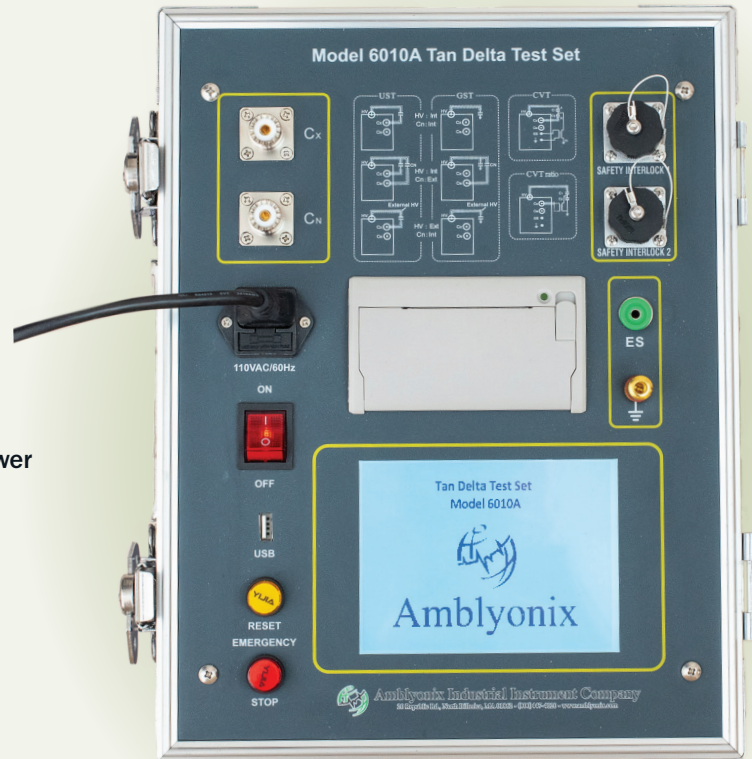
**Power Supply:** 120VAC 60Hz

**Operating Environment:**

14°F to 104°F @ $\leq$ 90%RH

**Dimensions:** 11.7W x 13.0H x 14.0L

**Weight:** 51 lbs



## Model 6010A Capacitance and Tan/Delta Test Set

### ORDERING INFORMATION

Supplied with manual, test cables, printer paper, power cord, spare fuse, two safety interlocks and accessory case.

  
**Amblyonix**  
Industrial Instrument Company

20 Republic Road, North Billerica, MA 01862  
800-447-4020 WWW.AMBLYONIX.COM