

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 <150,00pF

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

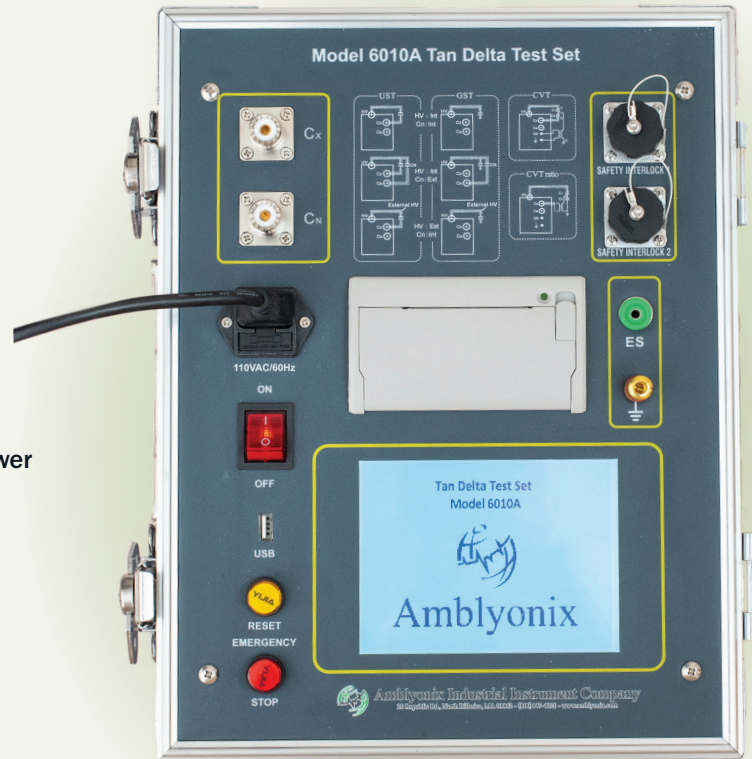
Power Supply: 120VAC 60Hz

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.


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