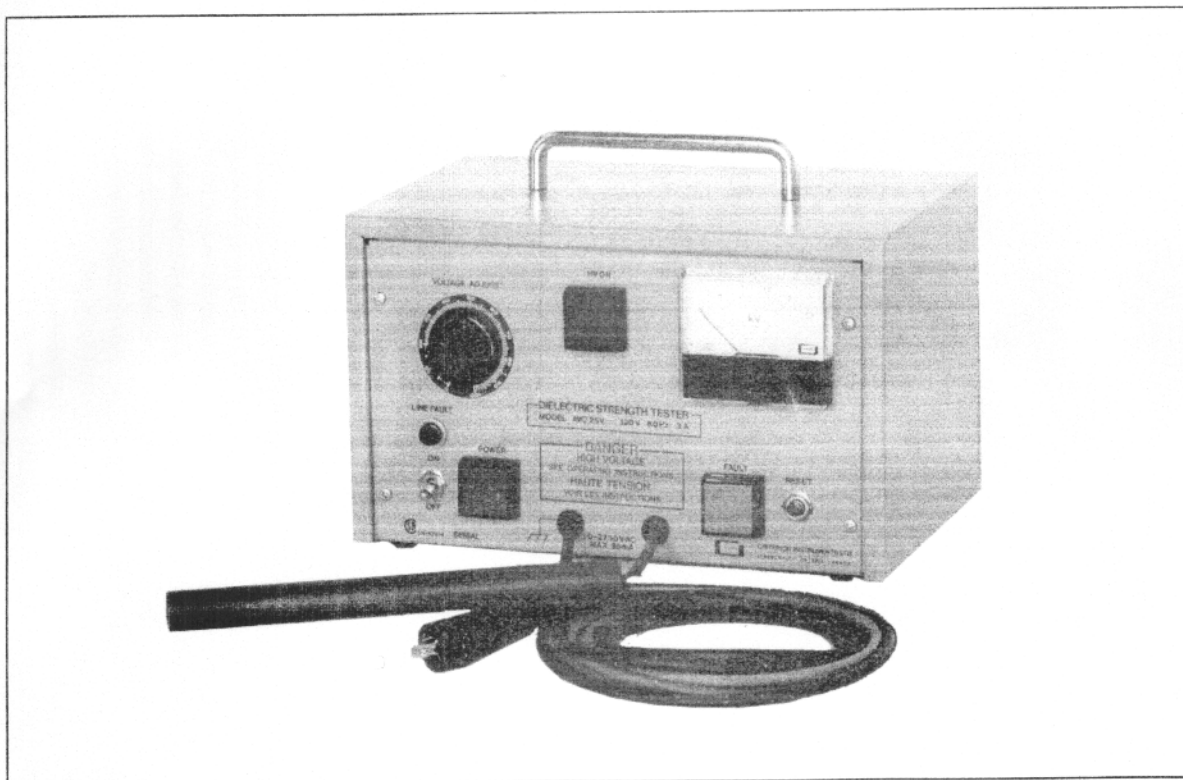



 CRITERION

DIELECTRIC-STRENGTH TESTER

MODEL AVC-25V



FEATURES

- Input 120 V, 60 Hz, rated at 500 VA
- Adjustable output potential from zero to 2500 V ac
- Indicator lamps for Power on, High Voltage on, Fault and Line Fault
- Automatic cut-out
- Continuously indicating high-voltage voltmeter
- Safety device for incorrectly wired outlet
- Reset button
- Portable plug-in unit
- Heavy-duty retractable probe
- Made in Canada

Dielectric-Strength Tester - Model AVC-25V

(Bulletin 1-1)

DESCRIPTION

Many years ago, the Canadian Standards Association honoured the Canadian Research Institute (as Criterion Instruments limited was then known) by asking us to assist in the compilation of the first CSA specification covering Dielectric-Strength Tests. There has been a steady liaison ever since to ensure the Dielectric-Strength Testers supplied by Criterion Instruments Limited offer the maximum of safety to the user, the most critical of test procedures as demanded by CSA, both at the lowest cost.

For the dielectric-strength testing of electrical appliances, motors, radios and electronic devices the Models AVC-25V and AVC-25VA cover more than 75% of the requirements for the factory test required by CSA, Ontario Hydro and UL. They are portable plug-in units rated at 500 VA, suitable for equipment up to 75 horsepower or 50 kVA.

The Model AVC-25V is the unit most frequently used by holders of CSA approvals. This model has continuously adjustable output potential from zero to 2500 volts to cover practically all test voltages called up by CSA, Ontario Hydro and UL for breakdown testing. The instrument is equipped with large High-Voltage, Power and Fault lamps, automatic cut-out, and continuously indicating high-voltage voltmeter right across the test probes.

The test set incorporates a special ac line tester and ground sensor, which disables the test set unless the outlet into which it is plugged is correctly wired. If the ground is faulty or if the two ac power wires are reversed, the Dielectric-Strength Tester will not operate, but a red warning light will come on, warning the operator that the wiring in his building is faulty.

SPECIFICATIONS

INPUT	120 V, 60 Hz, approx 3 A
OUTPUT	0 to 2500 V ac transformer rated at 500 VA trip current set at 95 mA
VOLTMETER	0-2.5 kV, 2% accuracy measures voltage at test probes
INDICATOR LAMPS	power on, high voltage on, fault and line fault
CONTROLS	power on switch, reset button and voltage adjust knob
SIZE	28W x 16H x 16D cm approx (11W x 6.5H x 6.5D in.)
WEIGHT	9 kg (20 lb) approx
CSA APPROVED	

MANUFACTURER OF ELECTRICAL/ELECTRONIC TEST EQUIPMENT SINCE 1938