



EICO

**HVP-5
HIGH
VOLTAGE
PROBE**

**OPERATING
INSTRUCTIONS**

**EICO Electronic Instrument Co., Inc.
283 Malta Street, Brooklyn, N. Y. 11207**

GENERAL

The EICO Model HVP-5 has been designed to measure potentials up to 30,000 volts safely and conveniently. Barriers are provided to isolate the high voltage tip from the probe handle and meter. The built-in voltmeter is a convenience which precludes the need of additional bulky equipment in making high voltage tests. The light weight and compact construction makes this EICO Model HVP-5 probe an essential item in the television serviceman's test laboratory and portable tool kit.

SPECIFICATIONS

Voltage Range: 0 - 30,000 volts DC

Accuracy: $\pm 3\%$

Probe Impedance: 600 Megohms

Load on Power Supply Under Test: 50 microamperes maximum

WARRANTY

Please read the enclosed warranty and note that the registration card accompanying each unit should be filled in and returned to the company within 10 days of purchase. The warranty applies only if we have your registration card on file.

OPERATING INSTRUCTIONS

CAUTION: The high voltage power supplies in television sets and other electronic equipment, are usually dangerous. Exercise caution not to come in physical contact with these voltages. The following safety precautions should be observed if an electric shock is to be avoided.

1. Keep your HVP-5 probe clean and dry.
2. Use one hand. Keep the other hand in your pocket.
3. Stand on an insulating material or mat.
4. Remember that high voltages may appear in unexpected places on the chassis. High voltage leads in many receivers are covered by poor insulating material. In addition, do not forget that a picture tube coating retains its high voltage even after the television set is turned off.
5. High voltage sources can emit dangerous radiation. Radiation is related to the magnitude of the voltage. Use the EICO HVP-5 probe to adjust the voltage to the level specified by the manufacturer of the equipment under test.

MEASURING PROCEDURE

1. Connect the lead on the EICO HVP-5 probe to the negative side of the power supply being measured. This is identical with the chassis ground of most television sets.
2. Hold the handle on the HVP-5 so that the meter is exposed. Do not put your hand between the meter and the probe tip at the barriers.
3. Touch the probe tip to the high voltage being measured. Read the voltage on the meter in the probe.

EICO PROBES AVAILABLE INCLUDE:

NEW! PSI-I SIGNAL INJECTOR PROBE

Supplies signal to be injected into any IF or RF radio and TV circuit. Instantaneous test to locate dead section of the receiver.

PLC 'SCOPE LOW CAPACITY PROBE

Use in high frequency, high impedance applications. Check RF and various TV signals without loading circuit.

PSD 'SCOPE DEMODULATOR PROBE

Demodulates AM carriers between 150 kHz and 250 MHz. Makes 'scope into signal tracer and analyzer.

PD 'SCOPE DIRECT PROBE

Use in low frequency, low impedance applications. Eliminates stray pickup and signal radiation.

PRF-11 VTVM RF PROBE

Use with standard meter to measure frequencies to 250 MHz. Good for all RF and IF measurements. $\pm 10\%$ accuracy.

UP UNI-PROBE

Exclusive EICO designed probe for use with any VTVM. Instantly changes from DC to AC/ohms probe.

HVP-2 HIGH VOLTAGE PROBE

Use with VTVM or VOM with more than 20,000 ohm/volt impedance to measure voltages up to 30,000 volts. Constructed and tested to insure maximum safety. Complete with 1090 Megohm Multiplier Resistor.