

# HIGH VOLTAGE TESTER

DIGITAL D.C.

Model # HV 2000

## FEATURES:

- 3 1/2 DIGIT DISPLAY
- DIRECT MEASUREMENT OF H.V. 0-2000 V DC
- HI IMPEDANCE INPUT - 1100 MEGOHM LESS THAN 1 $\mu$ A DRAIN AT 1000V
- 9 VOLT BATTERY OPERATION
- SHIRT POCKET SIZE
- LIGHTWEIGHT

**DESCRIPTION:** D.C. High voltage measurements no longer require large expensive probe and no longer tie up oscilloscope or multimeter. This small light-weight H.V. tester gives accurate digital readings. It's 1100 megohm input resistance prevents tester from loading down the circuit being tested.

Ideal for use in test and calibration of power supplies used in televisions , lasers and radiation monitors.



Figure 1: HV-2000

## SPECIFICATIONS:

<b>Display:</b>	3 1/2 digits, 1/2" high, LCD.
<b>Ranges:</b>	0-1000 Volts and 0-2000 Volts.
<b>Input Impedance:</b>	1100 megohm.
<b>Readable:</b>	To one Volt on 0-1000 range.
<b>Accuracy:</b>	Two volts on 0-2000 range 1% plus 1 digit.
<b>Power:</b>	Standard 9 Volt transistor battery.
<b>Battery Life:</b>	200 hours.
<b>Size:</b>	2-3/4" wide x 5 1/2" long x 1-1/8" thick.
<b>Weight:</b>	Less than 5 1/2 oz. including battery.
<b>Material:</b>	Case is made of rugged PVC.
<b>Controls:</b>	Power Switch: On-Off. Range Switch: x1 (0-999V), x2 (0-1999V). Calibration Pot: 20 turn precision potentiometers.
<b>Calibration:</b>	Each unit supplied with calibration certificate.
<b>Input:</b>	BNC/MHV connector bulkhead F.
<b>Cable:</b>	BNC to BNC M cable furnished. BNC to Dual "meatball" style protected clip leads (Model 3787C36) <b>Optional</b> .

**TA**

**TECHNICAL ASSOCIATES**

7051 ETON AVENUE \* CANOGA PARK, CA 91303 TELEPHONE (818) 883-7043 \* FAX(818) 883-6103

\$Revision: 1.1 \$