

PRICE \$2.00



**Assembling
and Using Your...**

Heathkit

**VACUUM TUBE
VOLTMETER**

MODEL V-7A

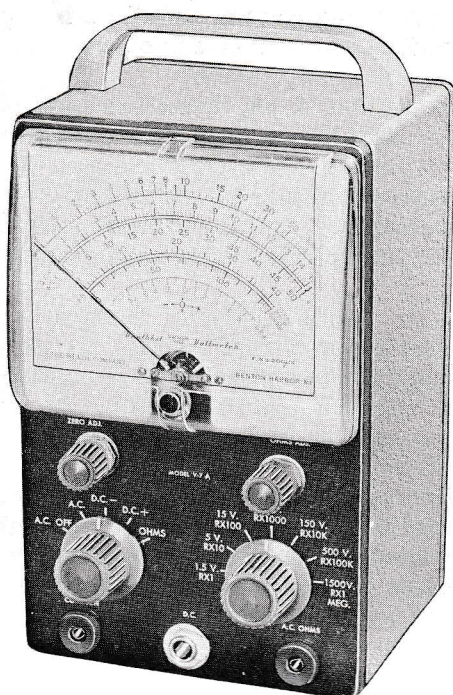
HEATH COMPANY

A Subsidiary of Daystrom Inc.

BENTON HARBOR, MICHIGAN

HEATHKIT VACUUM TUBE VOLTMETER

MODEL V-7A



SPECIFICATIONS

Electronic D.C. Voltmeter:

- 7 Ranges:..... 0-1.5, 5, 15, 50, 150, 500, 1500 volts full scale, with accessory probe to 30,000 volts
- Input Resistance:..... 11 megohms (1 megohm in probe) On all ranges, 1,100 megohms with accessory probe
- Sensitivity:..... 7,333,333 ohms per volt on 1.5 volt range
- Circuit:..... Balanced bridge (push-pull) using twin triode
- Accuracy:..... $\pm 3\%$ full scale

Electronic A.C. Voltmeter:

- 7 R.M.S. Ranges:..... 0-1.5, 5, 15, 50, 150, 500, 1500 scales reading R.M.S. (.353 of peak to peak).
- Frequency Response (5 v range):... ± 1 db 42 cps to 7.2 mc (600 Ω source).
- Accuracy:..... $\pm 5\%$ full scale
- 7 Peak-to-Peak Ranges:..... 0-4, 14, 40, 140, 400, 1400, 4000

Electronic Ohmmeter:

- 7 Ranges:..... Scale with 10 ohms center X1, X10, X100, X1000, X10K, X100K, X1MEG. Measures .1 ohm to 1000 megohms with internal battery

Meter:..... 4 1/2" 200 μ A movement, Polystyrene case

Multipliers:..... 1% precision type

Circuit board:..... Printed circuit, etched metal process 3/32" XXP laminated phenolic .00135 copper foil

Tubes:..... 1 - 12AU7, twin triode meter bridge

1 - 6AL5, twin diode full wave AC rectifier

Battery:..... 1 1/2 volt flashlight cell

Cabinet Size:..... 7 3/8" high x 4 11/16" wide x 4 1/8" deep charcoal grey panel, feather grey cabinet

Kit Shipping Weight..... 7 lbs.

Power Requirements..... 105-125 volt 50-60 cycle AC 10 watts

11/6/59