

VTVM

Wired & Calibrated

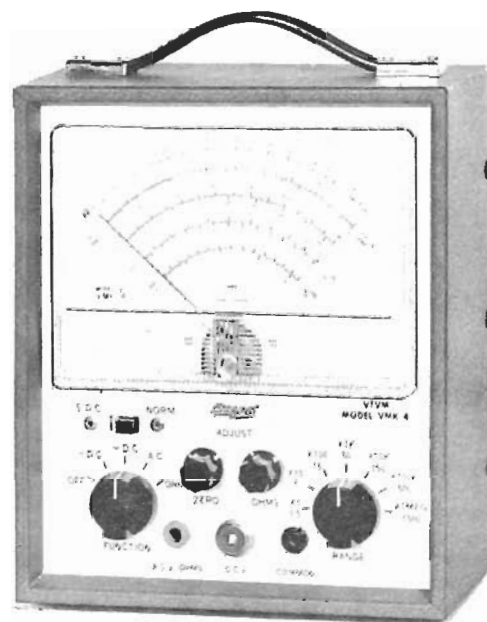
FEATURES

- 8 DC ranges from .5 to 1500 volts
- Sensitive 100 microampere meter
- 1% deposited carbon resistors
- Rugged steel case
- Printed circuit

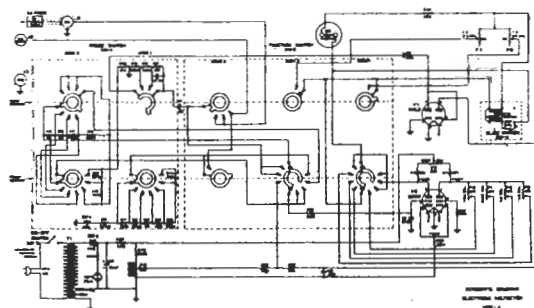
The Stark Model VMK-4 is a highly stable vacuum tube voltmeter designed to measure accurately a wide range of A.C. volts, D.C. volts and resistance. It is indispensable in servicing TV, FM receivers, Hi-Fi amplifiers and all electronic applications. Used as a D.C., A.C., RMS or peak to peak meter and as an electronic ohmmeter, the Model VMK-4 permits unusual accuracy. It will measure D.C. volts in 8 ranges from .5 volts to 1500 volts. A special feature permits accurate zero center measurements necessary for the true alignment of Foster Seeley FM discriminator, ratio detectors and the newer gated beam detectors. As an A.C. voltmeter it will measure from 1.5 to 1500 volts RMS value if sine wave, and peak to peak value if complex wave. Frequency response up to approximately 2 megacycles, RMS and peak to peak. Special circuitry eliminates cumbersome instability when shifting range to range on low A.C. volts. As an electronic ohmmeter it has a wide coverage of measurements in the resistance ranges from .2 ohms to 1000 megohms in 7 ranges.

The finely calibrated 100 microampere meter is virtually burn-out proof being isolated from the measuring circuit. It has a large easy to read dial with a clearview lucite front.

A microphone connector for the D.C. probe, and banana plugs and jacks for the test leads assure positive connections. The case is of strong steel and has a buff grey crackle finish. The panel is etched satin finished aluminum. The Model VMK-4 is C.S.A. approved.



STARK MODEL VMK-4



Specifications

DC VOLTS

8 ranges: 0-.5-1.5-5-15-50-150-500-1500

AC VOLTS

7 ranges: 0-1.5-5-15-50-150-500-1500

PEAK-TO-PEAK

7 ranges: 0-4-14-40-140-1400-4000

MADE IN CANADA

RESISTANCE

7 ranges: 0.2 ohms to 1000 megohms

FREQUENCY

AC to approx. 2 megacycles (RMS & Peak to Peak)

INPUT IMPEDANCE

Volts DC 10.5 megohms
Volts AC approx. 10 megohms shunted by 150 mmfds.

TUBE COMPLEMENT

1-12AU7 balance bridge
1-6AL5 AC Input Rectifier

METER

6", 100 microamp movement

BATTERY

Style C Everready, # 935
1.5 V.

POWER REQUIREMENTS

105-125 ACV, 60 cycles,
20 watts at 115 volts

SIZE & WEIGHT

7-1/4 X 9 X 4-1/2
Net: 7 pounds
Ship.: 8-1/2 pounds



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