

# for Highest Accuracy

IN  $\frac{A-C}{D-C}$  VOLTAGE MEASUREMENTS

## The TYPE 1800-A VACUUM-TUBE VOLTMETER

Just consider the features and specifications for this popular measuring tool . . . unsurpassed in Accuracy, Stability, Ruggedness and Operating Conveniences. Thousands are in use in laboratories, schools and research organizations throughout the world.

★ The Type 1800-A VTVM is suited not only to accurate measurements at audio and radio frequencies, it in addition gives reliable d-c voltage indications.

★ Voltage range — 0.1 to 150 volts, a-c in six ranges and 0.01 to 150 volts, d-c — 0.5 volt range permits accurate low voltage readings — the Type 1800-P2 High-Frequency Multiplier, attached to the probe, extends the a-c voltage range to 1500 volts.

★ Basic accuracy is  $\pm 2\%$  of full scale on all six a-c and d-c ranges — chart is supplied with instrument for frequency corrections on a-c measurements as high as 500 Mc.

★ High Stability — one zero control for all ranges — resetting not required when switching from one range to other.

★ Completely-shielded probe contains acorn-type diode rectifier connected to input capacitor — various terminations and fittings may be attached to probe to suit particular application at hand.

★ Illuminated meter scale eliminates parrallax in readings — meter is protected from overloads; cannot be burned out.

★ High 25-megohm input impedance — 1050 Mc resonant frequency permits accurate measurements at hundreds of megacycles — on d-c ranges, two input resistances: 10 megohms and open grid.

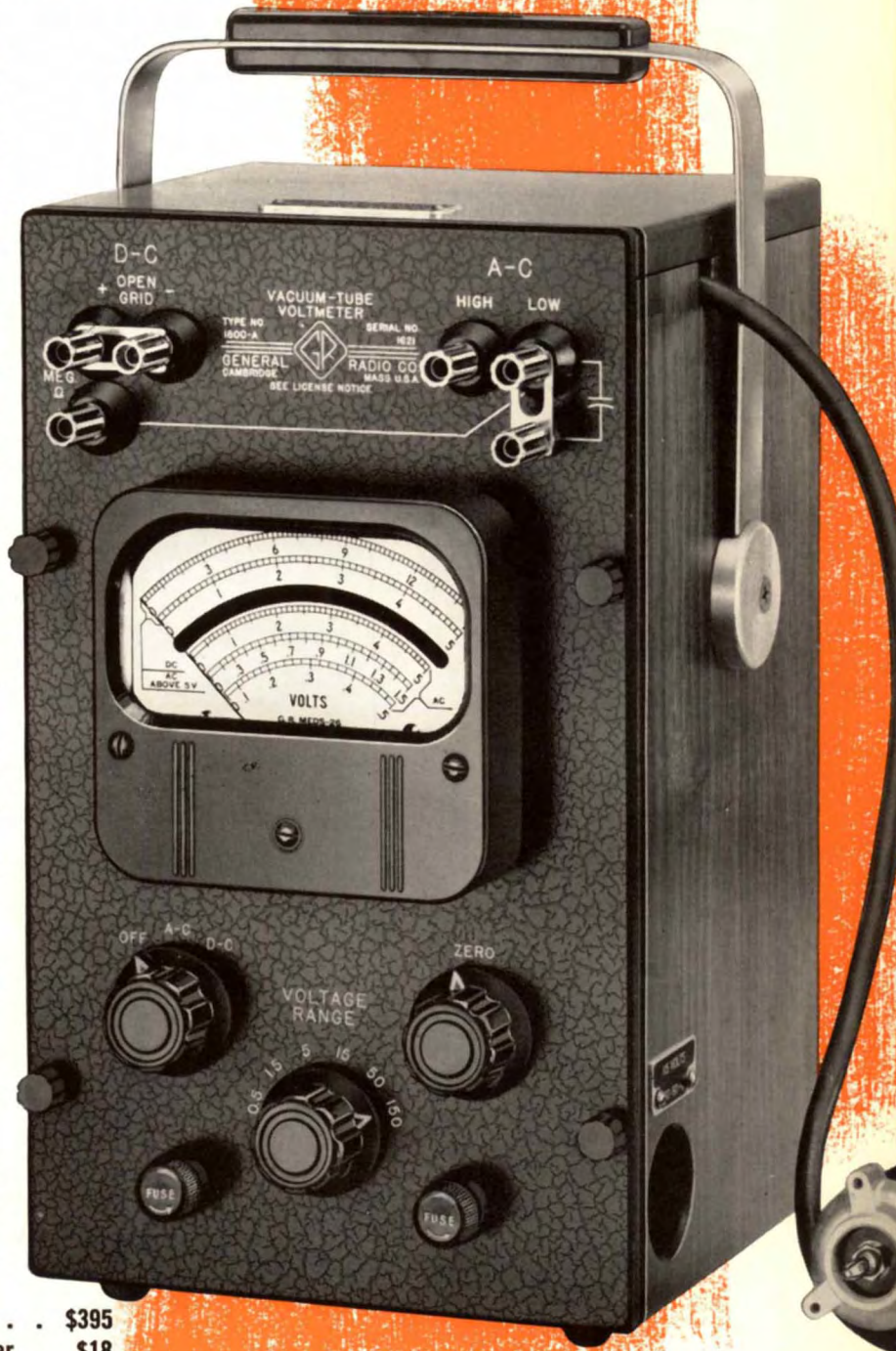
★ Current and power measurements also can be made with the 50-ohm termination-unit (supplied) attached to the VTVM probe.

★ Low-frequency response is excellent — range is extended to 1500 volts at d-c and audio frequencies with the Type 1800-P3 Low-Frequency Multiplier.

★ Operation is from 105 to 125 or (210 to 250) volts, a-c, 50 to 60 cycles — internal voltage regulator eliminates meter fluctuations.

★ Line connector cord, Type 274 and 874 termination connectors, 50-ohm coaxial terminating resistor, and spare fuses are supplied with instrument.

★ Dimensions are  $7\frac{3}{8} \times 7\frac{1}{2} \times 11\frac{1}{8}$  inches — Net Weight,  $13\frac{3}{4}$  lbs.



- Type 1800-A Vacuum-Tube Voltmeter . . . \$395
- Type 1800-P2 High Frequency Multiplier . . . \$18
- Type 1800-P3 Low-Frequency Multiplier . . . \$35



### GENERAL RADIO Company

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