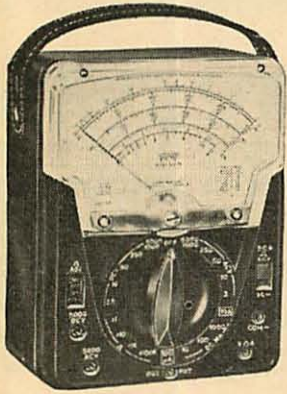


TRIPLET

TEST EQUIPMENT



MODEL 630-PL VOLT-OHM-MILLIAMMETER

Instant-vision, wider spread scales; streamlined case, handsome modern design. Outstanding linear ohm scale; low reading .1 ohm; high to 100 megs. One switch selects any range; minimizes chance of incorrect settings and burnouts. 5 to 500,000 cycles per second frequency response in AC measurements. DC Polarity reversing switch. High Sensitivity: 5,000 ohms per volt AC; 20,000 ohms per volt DC.

RANGES

DC Volts: 0-2.5-10-50-250-1,000-5,000—at 20,000 ohms/volt.
AC Volts: 0-3-10-50-250-1,000-5,000—at 5,000 ohms/volt.
Decibels: -20 to +11, +21, +35, +49, +61, +75; "0" DB at 1 MW on 600 ohm line.
DC Microamperes: 0-100—at 250 millivolts.
DC Milliampers: 0-10-100-1,000—at 250 millivolts.
DC Amperes: 0-10—at 250 millivolts.
Ohms: 0-1,000-10,000—(4.4-44 at center scale).
Megohms: 0-1-100—(4,400-440,000 at center scale).
Output V (AC): 0-3-10-50-250-1,000—at 5,000 ohms/volt, jack with condenser in series with AC ranges.
Case: Molded, fully insulated; 3-11/32" x 5-1/2" x 7-1/2".
MODEL 630-PL—U.S.A. Dealer Net.....\$44.50
 Complete with leads, alligator clips, rubber feet, batteries and instruction manual.

MODEL 630-APL VOLT-OHM-MILLIAMMETER

Laboratory type V-O-M featuring 1/2% resistors and more accurate movement for greater accuracy. Long MIRRORED scales to eliminate parallax in reading. One switch selects any range; minimizes chance of incorrect settings and burnouts. 5 to 500,000 cycles per second frequency response in AC measurements. DC Polarity Reversing switch. High Sensitivity: 5,000 ohms per volt AC; 20,000 ohms per volt DC.

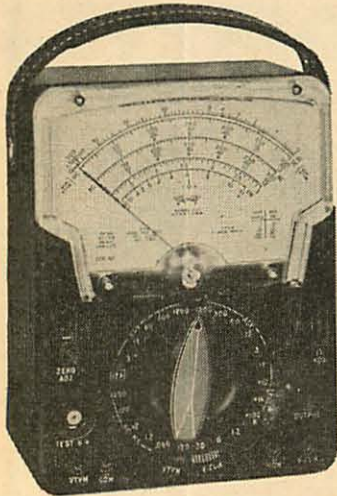
RANGES

DC Volts: 0-2.5-10-50-250-1,000-5,000—at 20,000 ohms/volt.
AC Volts: 0-3-10-50-250-1,000-5,000—at 5,000 ohms/volt.
Decibels: -20 to +11, +21, +35, +49, +61, +75; "0" DB at 1 MW on 600 ohm line.
DC Microamperes: 0-100—at 250 millivolts.
DC Milliampers: 0-10-100-1,000—at 250 millivolts.
DC Amperes: 0-10—at 250 millivolts.
Ohms: 0-1,000-10,000—(4.4-44 at center scale).
Megohms: 0-1-100—(4,400-440,000 at center scale).
Output V (AC): 0-3-10-50-250-1,000—at 5,000 ohms/volt, jack with condenser in series with AC ranges.
Case: Molded, fully insulated; 3-11/32" x 5-1/2" x 7-1/2".
MODEL 630-APL—U.S.A. Dealer Net.....\$54.50
 Complete with leads, alligator clips, rubber feet, batteries and instruction manual.



MODEL 631 — COMBINATION VOLT-OHM-MILLIAMMETER AND VACUUM TUBE VOLTMETER

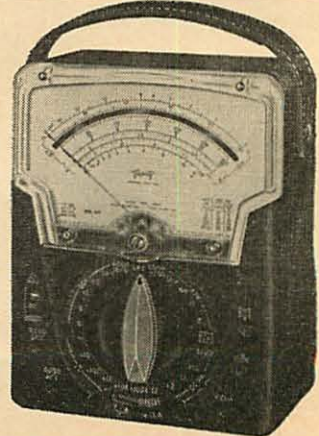
Two fundamental units at the price of a single tester; the number one instrument for all electronic men. VTM stability assured by battery operation. Sensitivity plus—sensitivity of the 1.2 volt (VTVM) range is equal to over nine million ohms per volt. Long battery life on VTM section. A V-O-M for general use and a VTVM when needed; ranges entirely adequate for servicing needs. Large meter easy to read; unbreakable meter face. Single switch selects all ranges; minimizes chance of incorrect settings and burnouts. Accuracy 3% DC to 1200 V. **DC Volts:** 0-3-12-60-300-1,200 (20,000 ohms per volt). **AC Volts:** 0-3-12-60-300-1,200 (5,000 ohms per volt). **Ohms:** 0-1,500-15,000. **DC Milliampers:** 0-1.2-12-120-1,200 at 250 MV. **DC Amperes:** 0-12 at 250 MV. **DB:** -20, +4, +16, +30, +44, +56. (600 ohm line at 1 MW). **DC Microamperes:** 0-60 at 250 MV. **VTVM RANGES**
DC Volts: 0-1.2-6-30-120.
Case: Molded, fully insulated, 3 1/2" x 5 1/2" x 7 1/2".
MODEL 631—U. S. A. Dealer Net\$64.50
 Complete with leads, alligator clips, rubber feet, batteries and instruction manual.

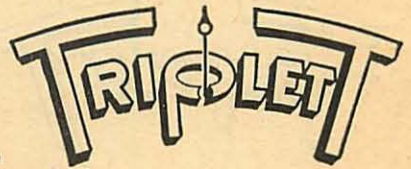


MODEL 630-NA — VOLT-OHM-MILLIAMMETER

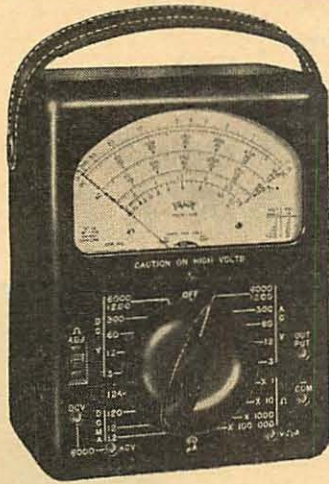
The super deluxe of VOMs. Seventy ranges; nearly double those of conventional testers. Frequency compensated from 35 cps to 20 kc. Temperature compensated. Accurate within 1 1/2% of full scale reading on DC. Large open front meter easy to read. Mirrored scale. Meter protection against overloads.
RANGES
DC Volts: 0-240-6-3-12-60-300-1,200-6,000 at 10,000 ohms per volt.

0-120-3-1.5-6-30-150-600-3,000 at 20,000 ohms per volt.
AC Volts: 0-3-12-60-300-1,200-6,000 at 5,000 ohms per volt.
0-1.5-6-30-150-600-3,000 at 10,000 ohms per volt.
Ohms: 0-1K-10K-100K.
Megohms: 0-1-10-100.
DC Microamperes: 0-120 at 240 millivolts.
0-60-600 at 120 millivolts.
DC Milliampers: 0-1.2-12-120-1,200 at 240 millivolts.
0-60-600 at 120 millivolts.
DB: -20 to +70 (600 ohm line at 1 MW).
Case: Molded, fully insulated, 3 1/2" x 5 1/2" x 7 1/2".
MODEL 630-NA—U. S. A. Dealer Net\$74.50
 Complete with leads, alligator clips, rubber feet, batteries and instruction manual.





TEST EQUIPMENT



MODEL 630 — VOLT-OHM-MILLIAMMETER

Popular streamlined tester with long meter scales arranged for easy reading. Outstanding linear ohm scale; low reading .1 ohm, high 100 megs. One switch will select any range; minimizes chance of incorrect settings and burnouts. Accuracy 3% DC to 1200 V.

RANGES

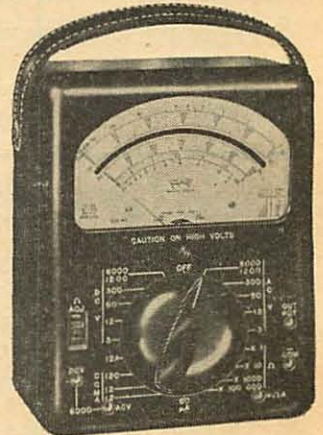
DC Volts: 0-3-12-60-300-1,200-6,000 at 20,000 ohms per volt.
 AC Volts: 0-3-12-60-300-1,200-6,000 at 5,000 ohms per volt.
 Ohms: 0-1,000-10,000.
 Megohms: 0-1-100.
 DC Microamperes: 0-60 at 250 millivolts.
 DC Milliamperes: 0-1.2-12-120 at 250 millivolts.
 DC Amperes: 0-12.
 DB: -20 to +70 (600 ohm line at 1 MW).
 CASE—Molded, fully insulated, 3⁷/₁₆" x 5¹/₂" x 7¹/₂".
 MODEL 630—U. S. A. Dealer Net\$44.50
 Complete with leads, alligator clips, rubber feet, batteries and instruction manual.

MODEL 630-A — VOLT-OHM-MILLIAMMETER

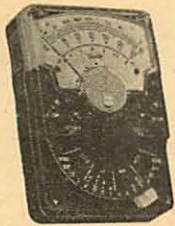
A laboratory type VOM with 1/2% resistors for greater accuracy. Long mirrored scale to eliminate parallax. Banana jacks, low resistance connections. High flux magnet for increased ruggedness. One switch selects any range; minimizes chance of incorrect settings and burnouts. Accuracy 1 1/2% on DC to 1200 V.

RANGES

DC Volts: 0-3-12-60-300-1,200-6,000 at 20,000 ohms per volt.
 AC Volts: 0-3-12-60-300-1,200-6,000 at 5,000 ohms per volt.
 Ohms: 0-1,000-10,000.
 Megohms: 0-1-100.
 DC Microamperes: 0-60 at 250 millivolts.
 DC Milliamperes: 0-1.2-12-120 at 250 millivolts.
 DC Amperes: 0-12 at 250 millivolts.
 DB: -20 to +70 (600 ohm line at 1 MW).
 CASE—Molded, fully insulated, 3⁷/₁₆" x 5¹/₂" x 7¹/₂".
 MODEL 630-A—U. S. A. Dealer Net\$54.50
 Complete with leads, alligator clips, rubber feet, batteries and instruction manual.



MODEL 310 — HAND-SIZE MIGHTY MITE



MODEL 310 VOLT-OHM MILLIAMMETER

The only complete miniature V-O-M with 20,000 ohms per volt and selector range switch. Self-shielded for checking in strong magnetic field. Rugged, high torque, bar-ring instrument. Unbreakable plastic meter window. Fitting interchangeable test prod into top of tester makes it the common probe, freeing one hand. Standard sensitivity 20,000 ohms per volt DC, and 5,000 ohms per volt AC. Accuracy 3% DC.

RANGES

DC Volts: 0-3-12-60-300-1,200 (at 20,000 ohms per volt). AC Volts: 0-3-12-60-300-1,200 (at 5,000 ohms per volt).
 Ohms: 0-20,000-200,000. Megohms: 0-2-20.
 DC Microamperes: 0-600 at 250 millivolts. DC Milliamperes: 0-6-60-600 at 250 millivolts.
 WEIGHT—Approx. 14 oz., complete with batteries. CASE—Molded, fully insulated, 2³/₄" x 4¹/₄" x 1¹/₁₆".
 MODEL 310—U. S. A. Dealer Net\$34.50
 Complete with leads, batteries and instruction manual.

TRIPLITT MODEL 10 CLAMP-ON ADAPTER



Just plug into any Triplet Model 310 Miniature V-O-M it becomes an AC clamp-on ammeter to measure AC amperes without cutting or opening current carrying wires. The split transformer yoke opens at the touch of a lever to fit around a single conductor or bus-bar for direct readings of AC amperes from 6 to 300 in 6 steps. MODEL 10\$14.50 net
 The Model 10 can be used at a distance from the Model 310 by using No. 311 lead attachment. This permits readings in difficult locations. No. 311 Leads\$1.90 net
 In addition, to use with the Model 310, the Model 10 Adapter also can be used as a Clamp-On Ammeter with any Volt-Ohm-Milliammeter having a 3 AC Volt scale at 5,000 ohms

per volt such as Triplet Models 630, 630-A, 630-NA, 630-PL, 630-APL, 631, etc. by employing Triplet No. 611 Leads\$1.90 net

RANGES

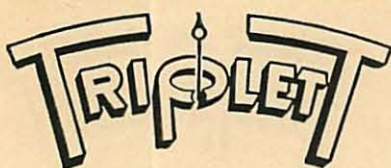
MODEL 10:
 AC Amperes: 0-6-12-30-60-120-300.

TRIPLITT MODEL 101 LINE SEPARATOR



Serves to plug in at outlet to divide 2 conductor cords for clamp-on measuring. Makes accurate, rapid testing of radio and TV sets, phonographs, appliances, motors, etc. possible without opening or splitting double conductors. Also serves to increase ammeter sensitivity 10X and 20X, if desirable, for easier reading. Model 101\$5.50 net.

RANGE	Max. Capacity Amps.
Direct	30
Divide by 10	12
Divide by 20	6



TEST EQUIPMENT



MODEL 630-T — VOLT-OHM-MILLIAMMETER

Specially designed for telephone maintenance. Accuracy 2% on DC. Fused protected circuit protects resistors and meter in ohms ranges. Special neck strap supplied to hold instrument, leaving both hands free. Banana jack connectors to eliminate all shock hazard. Completely insulated case to protect instrument from ground.

RANGES
DC Volts: 0-.3-3-12-60-300-600 at 20,000 ohms per volt.
AC Volts: 0-3-12-60-300-600 at 3,000 ohms per volt.
Ohms: 0-1K-10K-100K.
Megohms: 0-1-10.
DC Microamperes: 0-60 at 150 millivolts.
DC Milliampers: 0-1.2-12-120 at 150 millivolts.
DB: -20 to +57.
CASE—Molded, completely insulated to protect instrument from ground, 3 1/2" x 5 1/2" x 7 1/2".
WEIGHT—4 lbs.

MODEL 630-T—U. S. A. Dealer Net\$54.50

MODEL 666-R — POCKET VOLT-OHM-MILLIAMMETER

Hand-size — the ideal tester for electrical maintenance. Recessed range knob enables tester to fit in tool kit. AC rectifier pre-calibrated unit for easy replacement. Banana jacks at top of the panel lessen possibility of leads falling over the meter dial. Single switch selects all ranges; minimizes chance of incorrect settings and burnouts. Accuracy 3% DC to 1000 V.

RANGES
DC Volts: 0-10-50-250-1,000-5,000 at 1,000 ohms per volt.
AC Volts: 0-10-50-250-1,000-5,000 at 1,000 ohms per volt.
Ohms: 0-3,000-300,000.
Megohms: 0-3.
DC Milliampers: 0-10-100 at 250 MV.
DC Amperes: 0-1 at 250 MV.
CASE—Black molded, streamlined, completely insulated. Handy pocket size, 3 1/4" x 5 7/8" x 2 3/4".

MODEL 666-R—U. S. A. Dealer Net\$29.50
 Complete with leads, alligator clips, batteries and instruction manual.
 Special field case designed for the 666-R. Camera-type leather case, No. 669-RL, \$6.60.



MODEL 625-NA — VOLT-OHM-MILLIAMMETER

Dual sensitivity provides extra ranges. Large mirror scale for excellent readability. Three color meter scale, 5" long. Six inch instrument, 0-50 microamp. AC volts at 10,000 O/V permits checking many audio and high impedance AC circuits where a VTVM usually is required. Accuracy 3% DC to 1000 V.

RANGES
DC Volts: 0-1-10-50-250-1,000-5,000 at 10,000 ohms per volt.
AC Volts: 0-2.5-10-50-250-1,000-5,000 at 10,000 ohms per volt.
Ohms: 0-2,000-200,000.
Megohms: 0-40.
DC Microamperes: 0-50 at 250 millivolts.
DC Milliampers: 0-1-10-100-1,000 at 250 millivolts.
DC Amperes: 0-10 at 250 millivolts.
DB: -30 to +76 on 500 ohm line 6 MW.
CASE—Black molded, insulated, 2 1/2" x 5 1/2" x 6".

MODEL 625NA—U. S. A. Dealer Net\$54.50
 Complete with leads, alligator clips, batteries and instruction manual.

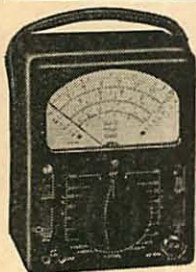
MODEL 666-HH — POCKET VOLT-OHM-MILLIAMMETER

Compact, hand-size V-O-M. Three-inch meter integral with panel, adjusted to 400 microamperes at 250 millivolts. Only three jacks necessary for all ranges. Accuracy 3% DC to 1000 V.

RANGES
DC Volts: 0-10-50-250-1,000-5,000 at 1,000 ohms per volt.
AC Volts: 0-10-50-250-1,000-5,000 at 1,000 ohms per volt.
Ohms: 0-2,000-400,000.
DC Milliampers: 0-10-100-500 at 250 millivolts.
CASE—Black molded, insulated, 3 1/4" x 5 7/8" x 2 3/4".

MODEL 666-HH—U. S. A. Dealer Net\$27.50
 Complete with leads, alligator clips, battery and instruction manual.

MODEL 650 — VACUUM TUBE VOLTMETER



Complete frequency coverage from 15 cps to over 150 MC, with one probe supplied with instrument. One volt full scale reading on both DC-AC. Reads peak to peak AC volts and RMS. Separate 1 volt AC and 5 volt AC scales for greater accuracy. Pointer will remain zero when changing ranges. Single selector switch for all ranges. Accuracy 3% DC.

RANGES
DC Volts: 0-1-5-10-50-100-500-1,000.
AC-RF Volts: 0-1-5-10-50-100-500 (15 cps to over 150 MC).
Peak to Peak Volts: 0-2.8-14-28-140-280-700.
Ohms: 0-1K-10K-100K-1 Meg.-100 Meg.-1,000 Meg.
CASE—Insulated molded case and panel, 3 3/4" x 5 1/2" x 7 1/2". Removable strap handle.
MODEL 650—U. S. A. Dealer Net\$89.50
 Complete with leads, alligator clips, rubber feet, battery and instruction manual.
DC High Voltage Probe: 50 KV-500 DC volt; 10 KV-100 DC volt; 5 KV-50 DC volt. \$14.50 net each.

LEATHER CARRYING CASES

FOR TESTERS, 630, 630-A, 630-PL, 630-APL, 630-NA, 631

Case 639 Net \$ 9.40
 Case 639-N (Center open flap snaps back, use tester in case) Net \$ 9.50
 Case 639-P Net \$14.90

FOR TESTERS 666-R, 666-HH

Case 669 Net \$ 6.10

FOR TESTER 666-R

Case 669-RL (Use Tester in Case) Net \$ 6.60

FOR TESTER 310

Case 369 Net \$ 3.20
 Case 379 (For 310-10-101) Net \$ 5.50
 Case 659 (For Tester 650) Net \$10.50
 Case 659-P (For Tester 650) Net \$16.00
 Case 629 (For 625-NA, 660, 661, 690-A) Net \$ 7.20

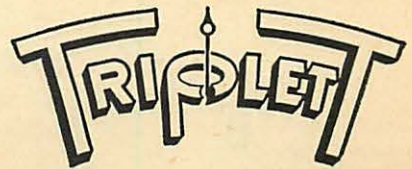
TESTER STAND

Metal stand holds Model 630, 630-A, 630-PL, 630-APL, 630-NA, 630-T, 631 or 650 tester in approximately a 45° angle; will enable you to make easier readings.

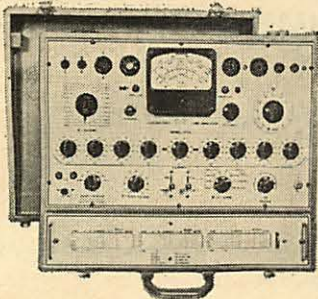
STAND ONLY—Pt. T-255-A-33. U. S. A. Dealer Net\$.50

EXTERNAL SHUNTS

Pt. T-91-247—30 Amperes (Plug-In)\$ 9.00
 Pt. T-91-248—60 Amperes (Portable)\$12.00
 Pt. T-91-255—120 Amperes (Portable)\$12.00



TEST EQUIPMENT



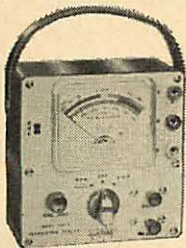
MODEL 3444 — NEW PORTABLE TRUE DYNAMIC MUTUAL CONDUCTANCE TUBE ANALYZER

Rapid, positive, completely analyzes, solves the most perplexing tube analysis problems — Laboratory, Research, Industrial Production, Radio, TV, Theatre, PA Equipment, Communications, etc.

Measures true GM — no extra compensating factors — using proper value DC electrode potentials, 5 KC-AC signal source and vacuum tube micro-ammeter at very low 33 ohm plate impedance.

Offers unique test advantages never before available in portable models: CHECKS PLATE current cut-off. PLOTS tube characteristic curves. CHECKS GAS under actual operating condition. CHECKS RECTIFIERS under load. CHECKS THYRATRON firing voltage, grid current. CHECKS DUAL section tubes with only 1 lever movement. CHECKS ACCURACY GM circuits by self-checking GM circuit. PROVIDES SHORTS, LEAKAGE measurements from 0-10 megohms using filtered DC supply 85V. New easy tube chart data. PROVIDES cut-off measurements voltage amplifiers. RECESSED SOCKET SAVERS (under-panel-mounted) easily removable for replacement.

Model 3444 U.S.A. Dealer Net.....\$249.50

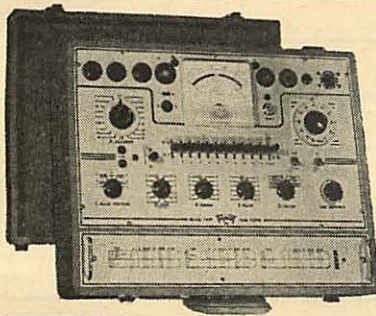


NEW MODEL 690-A TRANSISTOR TESTER

Leakage and gain tests for all low and medium power PNP and NPN type transistors . . . Measures DC Beta (current gain from base to collector with grounded emitter) from 5 to Infinity. The long, GOOD scale provides a better indication of the degree of quality . . . Affords an exact test for shorts and leakage . . . Checks forward and reverse leakage of diodes. Prevents drain on batteries in case of accidental shorting of leads. Battery operation eliminates need for external power supply . . . Error-proof controls . . . Easily portable. Transistor socket and external leads for any basing layout. CASE—Black molded 2½" x 5½" x 6" with removable black leather strap handle. Overall thickness of tester 3".

PANEL—Black and red markings etched on aluminum.

Model 690-A U.S.A. Dealer Net.....\$29.50



MODEL 3423 — MUTUAL CONDUCTANCE TUBE TESTER

Variable Plate Voltage, 0-250 volts, available only in better testers.

Uses high frequency signal on grid (4KC).

Selenium rectifiers, crystal diodes and transistors can be tested with no extra accessories.

All new heater voltages are available from .63 to 117 voltage.

Direct leakage measurement on meter from 0 to 10 Meg. between any one element and all other elements.

METER SCALES—0-1,800-6,000-18,000-36,000 for micromhos.

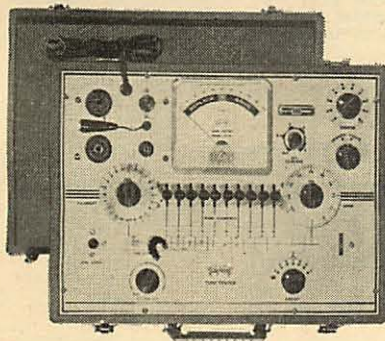
GOOD-?-BAD scale for diodes and rectifiers.

0-100 scale for thyatron tubes.

This tester registers per cent of target value. Speed roll tube chart; easy to use; easily replaced when listings are revised to include new tubes.

CASE—Wood, gray leatherette covered, with white trim. Chrome hardware. Hinged removable lid, 6-13/32" x 14-3/4" x 18-25/32". Instrument model 420, 4" long scales.

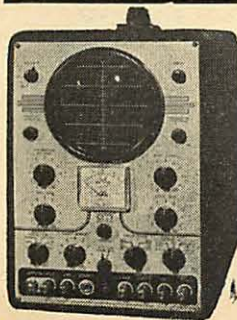
Model 3423 U.S.A. Dealer Net.....\$199.50



NEW MODEL 3414 TUBE TESTER — FASTER, MORE FLEXIBLE

All Switch settings made before tube warms up; ready for testing before filaments reach proper temperature. Rejects burned out tubes instantly without filament heatup. Complete flexibility for new tube setups; plus non-obsolescence factor. Few simple switch settings give complete accurate story tube capabilities. Modified plate conductance circuit for closer correlation to tube characteristics. Neon indicator shorts test. Slightest inter-element shorts show while cathodes are hot. New variable leakage test from 0.3 Meg. to over 3 Meg. Checks all today's and tomorrow's tubes (including new series filament tubes). With BV adapter (\$5.40) tests TV picture tubes in set. Wide angle neon indicator for greater visibility glow test. Checks appliances for shorts, open circuits. CASE: Counter-portable, wood, dark gray leatherette covered. PANEL: Etched, heavy gauge aluminum, black and red markings, 12 lbs.

Model 3414 U.S.A. Dealer Net.....\$79.50



MODEL 3441-A — NEW 5" OSCILLOSCOPE

Maximum sensitivity (10 millivolts per inch). Wide band width 4.5 MC (Usable to 9 MC).

Wide band amplifiers for color TV servicing.

Calibration voltage metered so line voltage is not a factor.

Horizontal amplifier frequency range flat to + or -1 DB from 20 cycles to 60 KC.

Deflection sensitivity .15 volts RMS per inch.

Saw tooth output supplies a saw tooth wave form from 10 to 60,000 cycles. Output variable

0-70 volts peak to peak. Polarity-reversing switch keeps wave form showing in conventional manner.

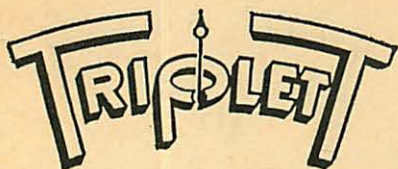
PANEL—Black and red on white. Characters etched on aluminum.

CASE—Metal with black suede enamel finish, 15-11/32" x 11-1/32" x 16". Leather handle.

Model 3441-A U.S.A. Dealer Net.....\$249.50

Crystal (Demodulating or Signal Tracing) Probe. Part No. 9989 \$10.50

Low capacity (10-1). Part No. 10379-A \$11.90



TEST EQUIPMENT

A NEW SERIES OF MATCHED HAND SIZE INSTRUMENTS

THE "LITTLE TRIPLETT" LINE

In standard models or specialized test equipment to quantity order
 Completely self-contained — Selector switch speeds range selection
 Fits easily into palm of hand — Strong plastic meter window
 Plus fully insulated black molded case — Banana type jacks
 All have Bar-Ring design self-shielded, rugged, high-torque meters



MODEL 307 AC AMMETER

Ranges: Ac Amperes 0-1, 0-2.5, 0-5, 0-10, 0-25. Using Model 10 Clamp-on Ammeter (\$14.50) ranges can be extended to: 0-6, 0-12, 0-30, 0-60, 0-120, 0-300. A general-purpose AC Ammeter with built-in transformer (for use on 60 cycles). Among its many advantages: Permits measurement of current drawn by electric appliances and motors, heating elements, lamps, radio sets, etc.

METER — Bar-Ring design, self-shielded, 50 microamperes full-scale.

ACCURACY — Within 4% on all ranges.

CASE — Fully insulated black molded, 2 3/4" x 4 1/4" x 1-3/16".

Posts extend 3/4" below case.

WEIGHT — Approx. 14 ounces.

Model 307 U.S.A. Dealer Net \$29.50



MODEL 305 DC MILLIVOLTMETER

RANGES: DC MILLIVOLTS 0-10, 0-30, 0-100, 0-300, 0-1 000. Servicing of gas-fired equipment and appliances can be accomplished quickly and more accurately with Little Triplet Model 305. It is indispensable for faster servicing of furnaces, boilers, heaters, hot water heaters, refrigerators, dryers, and gas-fired equipment. Simply place the probe leads across the thermocouple terminals for correct value measurements.

METER — Bar-Ring design, self-shielded, 1 Milliampere full scale.

ACCURACY — Within 2% on all ranges.

CASE — Fully insulated black molded, 2 3/4" x 4 1/4" x 1-3/16".

WEIGHT: Approximately 12 ounces.

LEADS — One set (Black and Red) 42 inches long.

Model 305 U.S.A. Dealer Net \$29.50



MODEL 308 LOW OHMMETER

RANGES: OHMS 0-50, 0-500, 0-5000. 1 Ohm center scale on 0-50 range; lowest reading .1. For motor testing, armatures and fields, shorts between generator windings and grounds, and for many other phases of testing, including: Switch and relay contact resistances, shorts in TV or radio chassis wiring; electrical equipment in industrial plants, etc.

OHMS ADJUST — Knob on side of case, to compensate for variations in battery voltages.

METER — Bar-Ring design, self-shielded, 1 Milliampere full scale.

ACCURACY — Within 3% on all ranges.

CASE — Fully insulated black molded, 2 3/4" x 4 1/4" x 1-3/16".

WEIGHT — Approximately 14 ounces.

LEADS — One set (Black and Red) 42 inches long, with battery switch incorporated in the Black lead.

BATTERIES — One Mercury cell 1.3 volt, Eveready E-601-E or equivalent.

Model 308 U.S.A. Dealer Net \$29.50



MODEL 309 OHMMETER

RANGES: OHMS, MEGOHMS 0-2000, 0-20,000, 0-200,000 Ohms; 0-2, 0-20 Megohms. 20 Ohm Center Scale on 0-2000 range. A general purpose Ohmmeter to 20 Megohms for industrial, Laboratory and servicing use.

OHMS ADJUST — Knob on side of case, to compensate for variations in battery voltages.

METER — Bar-Ring design, self-shielded, 50 Microamperes full scale.

ACCURACY — Within 3% on all ranges.

CASE — Fully insulated, black molded, 2 3/4" x 4 1/4" x 1-3/16".

WEIGHT — Approximately 14 ounces.

LEADS — One set (Black and Red) 42 inches long.

BATTERIES — One Mercury cell 1.3 volt; Eveready E-401-E or equivalent. One Eveready 15 volt #504 or equivalent.

Model 309 U.S.A. Dealer Net \$29.50



MODEL 369 CARRYING CASE

Handsome leather carrying case with adequate space for Model 305, 308, 309 or 310 and accessories. Trouser belt slips through loop on back of the case for out-of-the-way carrying.*

Model 369 Case U.S.A. Dealer Net \$3.20

MODEL 3439 — COLOR BAR GENERATOR

Crystal controlled RF output. A built-in VTVM circuit with meter on the panel provides quick and easy checking of sync, subcarrier and modulation amplitudes.

Unit completely self-contained—no extra accessories or equipment needed. Easy to set up, with RF output direct. Sound carrier (unmodulated) insures precise tuning of the receiver, and permits checking sound rejection and presence of beat interference between the color subcarrier and the sound carrier.

Brightness modulation is available to check for possible shift of hue in the bright areas or highlights.

Amplitude of the color subcarrier is adjustable; for checking the color sync lock action in the receiver.

Video signals of positive or negative polarity are provided for low impedance (75 ohms) and high impedance (5,000 ohms) video circuits.

CASE: Metal with black baked enamel suede finish, 15-11/32" x 11-1/32" x 6 1/4". Leather handle.

Model 3439 U.S.A. Dealer Net \$249.50

MODEL 3438 — DOT BAR COLOR GENERATOR

Frequency RF output fundamental coverage on channels 2 to 6.

Provides its own horizontal and vertical sync pulses.

RF and IF output.

Video output—Video signals as above with positive or negative polarity supplied across low impedance source of 2,000 ohms with 1 mfd. 200 volt block-junction condenser.

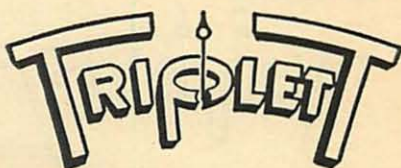
Color oscillator provides three base colors (red, blue and green) plus colors corresponding to phases of R-Y, B-Y, I and Q axis.

Completely self-contained; no extra accessories or equipment is needed. No additional sync is required from the set.

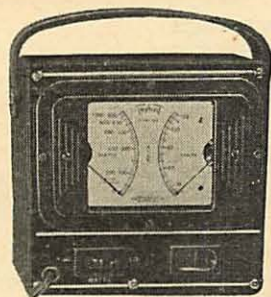
Can be used for signal tracing completely through either b/w or color TV sets.

CASE: Metal with attractive baked black enamel suede finish, 6 1/4" x 11-1/32" x 15-11/32", panel silver black and red etched aluminum. Shielded output coaxial cable.

Model 3438 U.S.A. Dealer Net \$229.50



TEST EQUIPMENT



MODEL 660 — LOAD CHEK

A time-saver, designed for TV servicing. Helps prevent repair come-backs. No time lost in connecting this unit. Just plug in the power cord of the radio and all meters are connected. Quick way to locate hidden shorts and overloaded circuits. Double meter indication provides simultaneous check of line voltage and power. Shows faulty power line wiring as well as proper functioning of the appliance under test. Simple operation by means of only one toggle switch to change watts range. Double range on Watts meter permits one unit to serve from a 5-tube radio to the largest TV set.

RANGES

Watts: DC-AC: 0-500-1,000.

Volts: DC-AC: 0-150.

CASE—Black molded, 2½" x 5½" x 6", insulated to protect instrument from ground. Removable black leather strap handle.

MODEL 660—U. S. A. Dealer Net \$34.50

MODEL 661

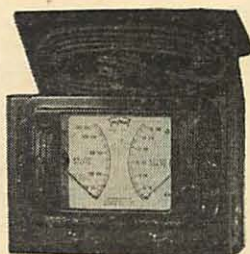
Designed for Radio and Low Wattage Appliances. Appearance and construction same as 660 with watt range 150-300.

RANGES

Watts: DC-AC: 0-150-300.

Volts: DC-AC: 0-150.

MODEL 661—U. S. A. Dealer Net \$34.50



MODEL 2002 — APPLIANCE TESTER

For installations and servicing.

Shows power consumption of industrial equipment, radios, electric ranges, refrigerators, washers and other household appliances under actual operating conditions, on either DC or AC between 25 and 133 cycles.

A Wattmeter on the left and a Voltmeter on the right permit Watts and Volts to be read simultaneously or independently.

Shows if voltage remains within limits under operating loads.

Current coils assure ample capacity for momentary tests on motor starting overloads.

Heavy inner construction assures ample current capacity for momentary tests on motor starting overloads.

Shows faulty power lines.

RANGES

Watts: DC-AC: 0-1,500-3,000.

Volts: DC-AC: 0-130-260.

CASE—Heavy leather and snap button cover and leather handle, 6½" x 4½" x 3¼". Storage space for leads furnished which include one cord to plug into wall socket, another with a socket to receive connections from appliances under test.

MODEL 2002—U. S. A. Dealer Net \$44.50

MODEL 2000-B

Same as Model 2002, but with Watt range 750-1,500.

MODEL 2000-B—U. S. A. Dealer Net \$42.50

MODEL 3432-A — SIGNAL GENERATOR

Designed for new servicemen coming into the service field. One generator to align radio, television (monochrome and color).

Complete frequency coverage 160 KC to 110 MC fundamental with seven bands (220 MC harmonics).

R.F. circuits are double shielded with copper steel shields.

Large easily read etched aluminum dial.

Cathode follower output provides good stability by acting as a buffer to the oscillator.

The generator is provided with a 400 cycle audio frequency with variable control for 0-100 per cent modulation.

Band A	160-370 KC	Band E	4.85-13 MC
B	360-735 KC	F	12.5-35 MC
C	715-1875 KC	G	34-110 MC
D	1825-4950 KC	G (Harmonics)	68-220 MC

CASE—Metal with black baked enamel suede finish, 15½" x 11½" x 6¼". Black leather strap handle, rubber feet.

MODEL 3432-A—U. S. A. Dealer Net \$99.50

NEW TRIPLET UNIMETERS

An innovation in self-service meters these Select-Your-Range Unimeters consist of two basic meter movements, which can be combined with any one of a number of separate dial-component units for a wide variety of meter ranges. The basic meter movements and the Dial-Component units lock together simply; no soldering, no wiring, no opening of the dust-proof movement is required.

In two sizes, 327-U 3½" rectangular and 420-U 4½" rectangular with mirror scale for greater accuracy in reading. Also in handy kits, both sizes, as below. The triple-purpose kit case with handle provides handy portability; easy protective storage and attractive display.

UNIMETER PRICE LIST BASIC MOVEMENTS

Model 327-U 0-1 DC Milliammeter (50 MV)	\$11.00
Model 327-U 0-50 DC Microammeter (250 MV)	15.90
Model 420-U 0-1 DC Milliammeter (50 MV)	12.00
Model 420-U 0-50 DC Microammeter (250 MV)	17.00

U.S.A. Dealer Net

DIAL-COMPONENT UNITS

U.S.A. Dealer Net Price Each Unit (Specify for use with 327-U or 420-U) \$ 2.50

DC-MA	DC-VM 1000 o/v Film Type	DC-AM	AC-VM Rectifier Type*	DC-UA
0-1	0-100	0-10	0-10	0-50
0-5	0-150	0-25	0-150	0-100
0-10	0-200	0-50	0-300	0-200
0-15	0-250	0-150	0-15	0-500
0-25	0-300	0-300	0-25	
0-50	0-500	0-500	0-50	*500 o/v

KIT A—WITH 3½" MOVEMENT KIT 1—WITH 4½" MOVEMENT

Contains: One DC MA Basic Movement and 8 Components

Complete Kit, (As Above)	Kit A \$29.50	Kit 1 \$30.50
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KIT B—WITH 3½" MOVEMENT KIT 2—WITH 4½" MOVEMENT

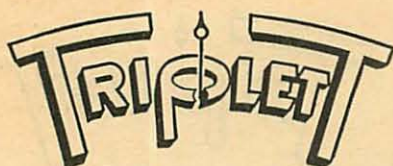
Contains: Two 0-1 DC MA Basic Movements and 12 dial components

Complete Kit, (As Above)	Kit B \$49.50	Kit 2 \$51.50
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KIT C—WITH 3½" MOVEMENT KIT 3—WITH 4½" MOVEMENT

Contains: Four Basic Movements and 23 dial components

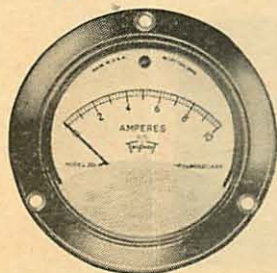
Complete Kit, (As Above)	Kit C \$99.50	Kit 3 \$103.50
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INSTRUMENTS

RUGGEDIZED INSTRUMENTS

A complete line of 2 1/2" and 3 1/2" ruggedized and sealed instruments designed to meet government specification MIL-M-16304A. Triplet ruggedized instruments employ the unique and exclusive bar-ring construction so well adapted to ruggedization, that the addition of spring loaded jewels and an internal rubber mount (both designed for jewel protection) constitute the essential difference between the commercial and ruggedized movements. The bar-ring construction is inherently self-shielding so that the heavy steel case does not affect instrument calibration nor does mounting in a steel panel of any thickness. The unusually strong housing consists of a drawn steel case with heavy die cast window bezel. The bezel seals the window to the case with a simple gasket and screws. A tough plastic window is used instead of glass. Husky gasket-sealed studs are used for electrical connections to provide additional protection over delicate glass sealed types. Most catalog ranges of DC: MV, Volts, Mic. Ma, Amp and AC rectifier type can be supplied. Regular dials in accordance with MIL-M-16304A are supplied although special dials of all descriptions can be made up for special applications.



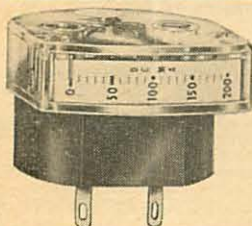
MINIATURE EDGEWISE PANEL METERS

If space on your panel is at a premium here is a miniature meter that will fit into even the most restricted area - yet give you the readability, performance and reliability you expect from the conventional 2 1/2" sizes.

Weighing only four ounces this meter also is of value to the user who has a weight limitation factor on his hands. Accuracy - D.C. 2% of full scale; A.C. Rectifier type 3% of full scale.

Self-Shielded Bar-Ring Magnet - Not affected by magnetic panels. High torque, exceedingly rugged and accurate. Mounting - Horizontal, zero at left and barrel down is standard.

Vertical mounting or other special adaptations in quantity orders. Panel Hole Required - Only 9/16" x 1-11/16".



DC-MA	Dealer Net	DC-UA	Dealer Net
0-1	\$10.40	0-50	\$15.40
0-10	10.40	0-100	13.50
0-25	10.80	0-200	11.60
0-50	10.80		
0-100	10.80	DC-AM	
0-150	10.80	0-10	\$11.20
0-200	10.80	AC-VM (Rect. Type)	
0-300	10.80	0-150	\$16.40
0-500	10.80	0-300	17.40
		VU Meters	
DC-VM		A or B Scales	\$19.00
0-10	\$11.20		
0-50	11.20		
0-150	11.20		

D.C. MILLIVOLTMETERS

Range	Approx. Res.	Scale Div.	2" Models		3" Models		4" Model		6" Model	
			221-T	221-PL	321-T	321-PL	420	420-PL	626	
0-50	6.3	50	\$9.90	\$10.40	\$10.50	\$11.00	\$11.60	\$11.60	\$13.60	
0-100	12.5	50	9.90	10.40	10.50	11.00	11.60	11.60	13.80	
0-150	20 (30)	75	9.90		10.50		11.60		13.80	

D.C. VOLTMETERS - (1000 Ohms Per Volt - Film Type Resistors)

Range	2" Models	2" Models	3" Models	3" Models	4" Model	4" Model	6" Model
0-10	\$10.70	\$11.20	\$11.20	\$11.70	\$12.30	\$12.30	\$14.50
0-25	10.70	11.20	11.20	11.70	12.30	12.30	14.50
0-50	10.70	11.20	11.20	11.70	12.30	12.30	14.50
0-100	10.70	11.20	11.20	11.70	12.30	12.30	14.50
0-150	10.70	11.20	11.20	11.70	12.30	12.30	14.50
0-200	10.70	11.20	11.20	11.70	12.30	12.30	14.50
0-250	10.70	11.20	11.20	11.70	12.30	12.30	14.50
0-300	10.70	11.20	11.20	11.70	12.30	12.30	14.50
0-500	11.20*	11.70*	11.80	12.30	12.90	12.90	15.10
0-750	11.20*	11.70*	11.80	12.30	12.90	12.90	15.10
0-1000*	13.30	13.80	13.90	14.40	15.00	15.00	17.20
0-2000*	13.30	13.80	13.90	14.40	15.00	15.00	17.20
0-3000*	13.30	13.80	13.90	14.40	15.00	15.00	17.20
0-4000*	13.30	13.80	13.90	14.40	15.00	15.00	17.20
0-5000*	13.30	13.80	13.90	14.40	15.00	15.00	17.20

* Supplied with external resistors

D.C. VOLTMETERS - 1000 Ohms Per Volt (Wirewound)

Range	Scale Div.	2" Models		3" Models		4" Model		6" Model	
		221-T	221-PL	321-T	321-PL	420	420-PL	626	
0-1	50	\$10.70	\$11.20	\$11.20	\$11.70	\$12.30	\$12.30	\$14.50	
0-3	(30) 60	10.70	11.20	11.20	11.70	12.30	12.30	14.50	
0-5	50	10.70	11.20	11.20	11.70	12.30	12.30	14.50	
0-10	50	10.70	11.20	11.20	11.70	12.30	12.30	14.50	
0-25	50	13.10	13.60	13.60	14.10	14.70	14.70	16.90	
0-50	50	13.10	13.60	13.60	14.10	14.70	14.70	16.90	
0-100	50	13.60	14.10	14.20	14.70	15.30	15.30	17.50	
0-150	(30) 75	13.60	14.10	14.20	14.70	15.30	15.30	17.50	
0-300	(30) 60	16.60	17.10	17.20	17.70	18.30	18.30	20.50	
0-500	50	18.60*	19.10	19.10	19.60	20.20	20.20	22.40	
0-750	(30) 75	21.30*	21.80	21.90	22.40	23.00	23.00	25.20	
0-1000	50	37.50	38.00	38.10	38.60	39.20	39.20	41.40	
0-2000	40	61.50	62.00	62.00	62.50	63.10	63.10	65.30	

* Supplied with external resistors. Scale divisions for 2" models in parenthesis.

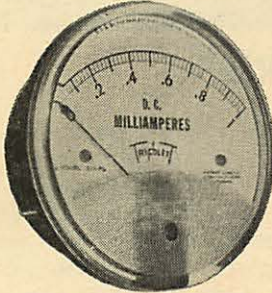
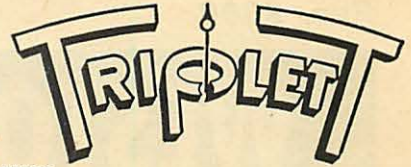
D.C. MICROAMMETERS

Range	Approx. Res.	Scale Div.	2" Models		3" Models		4" Model		6" Model	
			221-T	221-PL	321-T	321-PL	420	420-PL	626	
0-20	2600	40	\$17.60	\$18.10	\$18.20	\$18.70	\$19.30	\$19.30	\$18.70*	
0-50	2000	50	14.90	15.40	15.40	15.90	16.50	16.50	16.80*	
0-100	825	50	13.00	13.50	13.50	14.00	14.60	14.60	15.00	
0-200	360	40	11.10	11.60	11.70	12.20	12.80	12.80	14.40	
0-500	156	50	10.60	11.10	11.10	11.60	12.20	12.20		
50-0-50	825	50	13.00	13.50	13.50	14.00	14.60	14.60		
100-0-100	360	50	11.10	11.60	11.70	12.20	12.80	12.80		
500-0-500	55	50	9.90	10.40	10.50	11.00	11.60	11.60		

* Supplied only with knife-edge pointers.



INSTRUMENTS



Models 221-PL, 231-PL, 321-PL, 331-PL, 341-PL

Ranges above 10 Milliampers are shunted and have a drop of approximately 100 millivolts. Special resistance may be obtained to order. Double-range Milliampers available on special order. Prices on request.

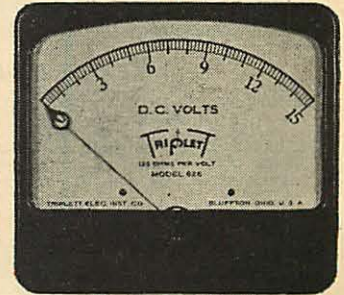
D.C. MILLIAMMETERS

Range	Approx. Res.	Scale Div.	2" Models		3" Models		4" Models		6" Model	
			221-T, 227-T	221-PL, 227-PL	321-T, 327-T	321-PL, 327-PL	420	420-PL	626	
0-1	55	50	\$ 9.90S	\$10.40S	\$10.50S	\$11.00S	\$11.60	\$13.80		
0-1.5	30	** (30)	75	9.90	10.40	10.50	11.00	11.60	13.80	
0-3	14	** (30)	60	9.90	10.40	10.50	11.00	11.60	13.80	
0-5	8.5		50	S 9.90	10.40	10.50S	11.00	11.60	13.80	
0-10	3.1		50	S 9.90S	10.40	S 10.50S	11.00	11.60	13.80	
0-15	6.6	** (30)	75	9.90	10.40	10.50S	11.00	11.60	13.80	
0-25	4		50	10.30S	10.80	10.90S	11.40	12.00	14.20	
0-50	2		50	10.30S	10.80	S 10.90S	11.40	12.00	14.20	
0-75	1.3	** (30)	75	10.30	10.80	10.90	11.40	12.00	14.20	
0-100	1		50	S 10.30S	10.80	S 10.90S	11.40	12.00	14.20	
0-150	0.6	** (30)	75	S 10.30S	10.80	S 10.90S	11.40	12.00	14.20	
0-200	0.5		40	10.30S	10.80	S 10.90S	11.40	12.00	14.20	
0-250	0.4		50	10.30	10.80	10.90	11.40	12.00	14.20	
0-300	0.33	** (30)	60	10.30S	10.80	10.90S	11.40	12.00	14.20	
0-400	0.25		40	10.30	10.80	10.90	11.40	12.00	14.20	
0-500	0.2		50	S 10.30S	10.80S	S 10.90S	11.40	12.00	14.20	
0-750	0.13	** (30)	75	10.30	10.80	10.90	11.40	12.00	14.20	
0-1000	0.1		50	10.30	10.80	10.90	11.40	12.00	14.20	

D.C. AMMETERS

Range	Scale Div.	2" Models		3" Models		4" Model		6" Model	
		221-T, 227-T	221-PL, 227-PL	321-T, 327-T	321-PL, 327-PL	420	420-PL	626	
0-1	50	\$ 9.90	\$10.40	\$10.50S	\$11.00	\$11.60	\$11.60	\$13.80	
0-3	** (30)	9.90	10.40	10.50	11.00	11.60	11.60	13.80	
0-5	50	10.70	11.20	S 11.20S	11.70	12.30	12.30	14.50	
0-10	50	10.70S	11.20	S 11.20S	11.70	12.30	12.30	14.50	
0-15	** (30)	75	10.70	11.20	11.20S	11.70	12.30	14.50	
0-25	50	10.70	11.20	11.20S	11.70	12.30	12.30	14.50	
0-30	** (30)	60	10.70	11.20	11.20S	11.70	12.30	14.50	
0-50	50	10.70	11.20	221-PL only	11.20S	11.70	12.30	14.50	

D.C. Ammeters are self-contained up to and including 50 Amperes. Shunts 75 Amperes (50 M.V.) and higher are switchboard type with 5 ft. leads.



Models 626, 636, 646

A.C. VOLTMETERS

Range	Approx. Ohms/Volt	Scale Div.	2" Models		3" Models		4" Model		6" Model	
			231-S, 237-S	231-PL, 237-PL	331-S, 337-S	331-PL, 337-PL	Model 430	Model 430-PL	Model 636	
0-1.5	1.33	** (30)	75	\$ 9.90	\$10.40	\$10.50	\$11.00	\$11.60	\$13.80	
0-3	3.33	** (30)	60	9.90	10.40	10.50	11.00	11.60	13.80	
0-5	4		50	9.90	10.40	10.50	11.00	11.60	13.80	
0-10	10		50	9.90	10.40	10.50S	11.00	11.60	13.80	
0-15	16	** (30)	75	9.90	10.40	10.50	11.00	11.60	13.80	
0-25	20		50	9.90	10.40	10.50	11.00	11.60	13.80	
0-50	50		50	9.90	10.40	10.50	11.00	11.60	13.80	
0-100	91		50	9.90	10.40	10.50	11.00	11.60	13.80	
0-150	125	** (30)	75	S 10.90S	11.40	S 11.40S	S 11.90S	S 12.50	14.70	
0-250	144		50	11.40	11.90	12.00	12.50	S 13.10	15.30	
0-300	144	** (30)	60	12.00	12.50	S 12.50S	13.00	13.60	15.80	
0-500	125		50	15.70†	16.20†	16.30†	16.80†	17.40†	19.60†	
0-750	125	** (30)	75	16.30*	16.80*	16.80*	17.30*	17.90*	20.10*	
0-1000	125		50	16.80*	17.30*	17.40*	17.90*	18.50*	20.70*	

These A.C. Voltmeters are for use on frequencies from 25 to 133 cycles. † Indicates instruments supplied with external wire-wound series resistors at prices shown. *Supplied with external resistor boxes at prices shown above. All other instruments are self-contained. Double-range Voltmeters are available on special order. Prices on request.

A.C. AMMETERS

Range	Approx. Res.	Scale Div.	2" Models		3" Models		4" Model		6" Model	
			231-S, 237-S	231-PL, 237-PL	331-S, 337-S	331-PL, 337-PL	Model 430	Model 430-PL	Model 636	
0-1	.21	50	\$9.90	\$10.40	\$10.50S	\$11.00	\$11.60	\$11.60	\$13.80	
0-2	.11	40	9.90	10.40	10.50	11.00	11.60	11.60	13.80	
0-3	.02 ** (30)	60	9.90	10.40	10.50S	11.00	11.60	11.60	13.80	
0-5	.01	50	9.90S	10.40	S 10.50S	11.00	S 11.60	11.60	13.80	
0-10	.005	50	9.90S	10.40	S 10.50S	S 11.00	11.60	11.60	13.80	
0-15	.002 ** (30)	75	9.90	10.40	S 10.50S	11.00	11.60	11.60	13.80	
0-25	.001	50	9.90	10.40	S 10.50S	11.00	S 11.60	11.60	13.80	
0-30	.011 ** (30)	60	9.90	10.40	S 10.50S	11.00	11.60	11.60	13.80	
0-50	.0005	50	9.90	10.40	S 10.50S	11.00	11.60	11.60	13.80	
0-75	.0003 ** (30)	75			12.10S		13.20		15.40	

For use on frequencies from 25 to 500 cycles. Instruments listed above are self-contained. For ranges above 75, (above 50 on 2" models) use current transformers, with 5 Amp. secondary (60-133 cycles). Add Do-Nut transformer price to price of 0-5 A.C. Ammeter shown above. Transformers: Primary Ampere Range 75, 100, 200, 250, 300, 400 Amp. \$10.50 net each; 500, 600 Amp., \$13.80 net each; 750, 1000 Amp. \$19.30 net each, and 1200 Amp., \$28.60 net each.

A.C. MILLIAMMETERS

Range	Approx. Res.	Scale Div.	2" Models		3" Models		4" Model		6" Model	
			231-S, 237-S	231-PL, 237-PL	331-S, 337-S	331-PL, 337-PL	Model 430	Model 430-PL	Model 636	
0-10	2900	50	\$ 9.90	\$10.40	\$10.50	\$11.00	\$11.60	\$11.60	\$13.80	
0-15	1150	** (30)	75	9.90	10.40	10.50	11.00	11.60	13.80	
0-25	344		50	9.90	10.40	10.50	11.00	11.60	13.80	
0-50	82		50	9.90	10.40	10.50	11.00	11.60	13.80	
0-100	21		50	9.90	10.40	10.50	11.00	11.60	13.80	
0-200	6.7		40	9.90	10.40	10.50	11.00	11.60	13.80	
0-250	3.4		50	9.90	10.40	10.50	11.00	11.60	13.80	
0-500	0.8		50	9.90	10.40	S 10.50	11.00	11.60	13.80	

For use on frequencies from 25 to 500 cycles.

THERMO AMMETERS (R. F.)

Range	Approx. Res.	Scale Div.	2" Models		3" Models		4" Model		6" Model	
			241-T, 247-T	341-T, 347-T	341-PL, 347-PL	Model 440	Model 440-PL	Model 646		
0-.5 Amps	.93	50	\$11.00	\$11.60	\$12.10	\$12.70	\$12.70	\$12.70	\$14.90	
0-1 Amps	.35	50	11.00	11.60	12.10	12.70	12.70	12.70	14.90	
0-1.5 Amps	.21	** (30)	75	11.00	11.60S	12.10	12.70	12.70	14.90	
0-2.5 Amps	.13	50	11.00	11.60	12.10	12.70	12.70	12.70	14.90	
0-5 Amps	.06	50	11.00	11.60	12.10	12.70	12.70	12.70	14.90	
0-10 Amps	.03	50	11.00	11.60	12.10	12.70	12.70	12.70	14.90	

Internal couples are normally furnished at prices shown. If external couples are required, please specify on order, adding \$5.50 net to price of instrument shown above. External couples only less meter, with leads, \$6.60 net each. **Scale divisions for 2-Inch Models in parentheses. S - NORMALLY CARRIED IN STOCK.