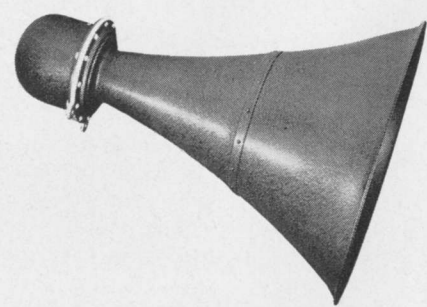


SUPER-POWER HORNS

for use with

Philco 905 Amplifier



For Applications Requiring Exceptional Power and Volume

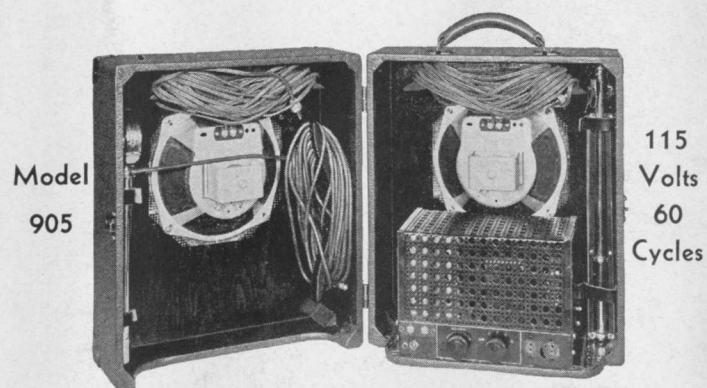
Philco has developed a super-power type of speaker, which when used with the Model 905 Amplifier, provides tremendous volume, with no sacrifice in clarity of reproduction.

Two of these horns (easily connected) produce an enormous increase in output of the 905—making it suitable for large outdoor or indoor auditoriums, gymnasiums, public gatherings, etc.

Part No. 45-2699

NET DEALER PRICE \$27⁰⁰

PHILCO PORTABLE AMPLIFIER



Model 905

115 Volts
60 Cycles

For Sound Amplification Indoors or Outdoors

This exceptional-quality portable sound amplifier is a masterpiece of Philco engineering—and provides a three-way profit for the radio dealer—through (1) resale, (2) rental, (3) advertising his own business. Through the last two named uses, Model 905 will pay for itself in a short time—and will lead to a number of actual sales of the equipment itself.

Consists of a powerful, entirely shielded amplifier unit furnished complete with four tubes; highest quality crystal microphone on chrome-plated 6-foot telescoping metal stand, with 20 feet of speaker cable; and two Philco permanent magnet dynamic speakers, each with 25 feet of flexible weatherproof cable.

Entire outfit assembles into an attractive compact portable case measuring 15¾ inches high, 13¾ inches wide and 10 inches deep and weighing only 35 pounds.

LIST PRICE \$110⁰⁰ ... NET DEALER PRICE \$66⁰⁰
Complete With Tubes and Microphone

Form PR 657

PHILCO

Quality

TEST EQUIPMENT



SPEED • ECONOMY • PROFITS
ACCURACY • DEPENDABILITY • VALUE

THE PHILCO COMPLETE LABORATORY TEST BENCH

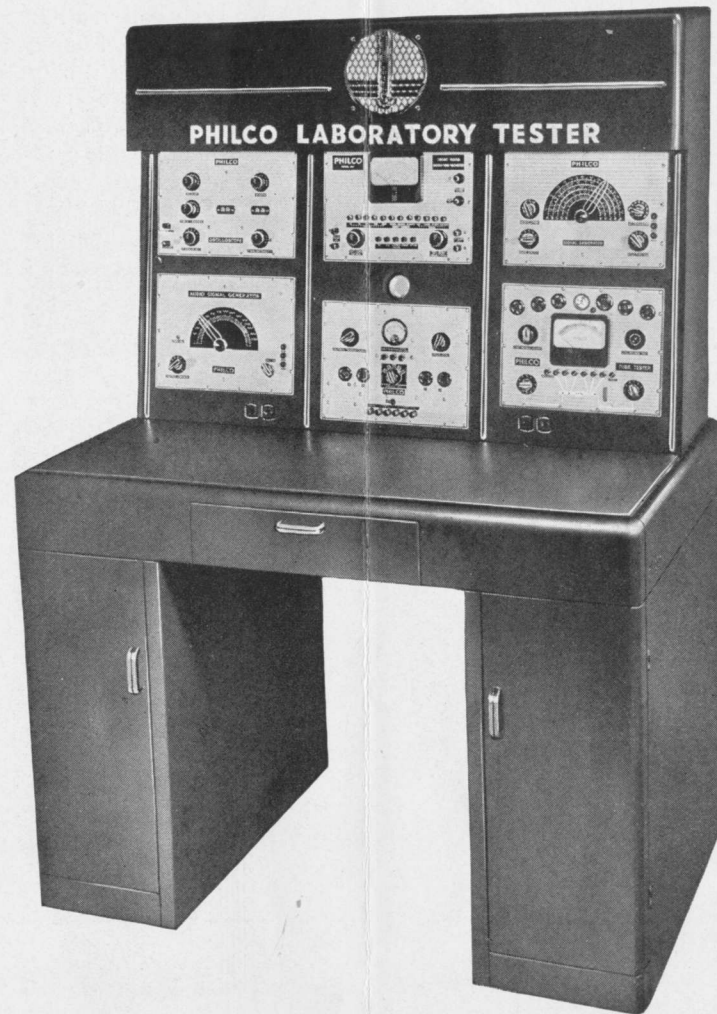
Entirely Self Contained, Precision Equipment for the Dealer

For the dealer or service station desiring the finest possible set-up to render the highest type of service — with maximum speed, efficiency and economy of labor . . . this Complete Philco Laboratory Test Bench was developed. It is the official, approved Philco dealer service equipment, developed in the Philco Engineering Laboratories and specified by Philco Sales & Engineering Departments as correct for properly servicing any of the nearly eleven million Philcos now in service. And it is equally efficient for servicing all other makes of radio.

The attractive, sturdy pressed steel bench finished in blue with gold lettering, is indirectly lighted from above; the panel containing the instruments is sloped at the correct angle for easiest operation of all controls. The flat surface on which the repair work is done is covered with a special tough composition material. A handy steel drawer and two roomy metal compartments provide ample space for tools and accessories.

On the panel are mounted a Philco RF Signal Generator; a Philco Audio Signal Generator; Philco Vacuum Tube Voltmeter and Circuit Tester; Philco Cathode Ray Oscilloscope; and a Philco Automatic Tube Tester. A test speaker with simple switch panel, separate output meter and variable matching selection of field coils, is an inherent part of the layout. A new design auto radio vibrator tester is also included.

An investment in this splendid complete equipment is equivalent to an investment for the success and stability of the dealer's future business. It will end all his service equipment problems, help his service personnel do quicker, better and more efficient work, and add immensely to the prestige of his store. The dealer owning this instrument will be proud to advertise and display it to his customers . . . and in turn will help build up a reputation for reliability and "Service behind the product."



SOLD ON TIME PAYMENT PLAN . . . SMALL MONTHLY PAYMENTS

PHILCO VACUUM TUBE VOLTMETER and CIRCUIT TESTER



Model 027 For AC Operation

Every service test can be made on this new Philco 027 combination Vacuum Tube Voltmeter and Circuit Tester, with a speed, accuracy and simplicity available in no other unit designed for a similar purpose.

The vacuum tube voltmeter (infinite ohms per volt) provides extreme accuracy on the low range voltages—for checking grid voltages, automatic volume control circuits, gain per stage measurements and making other delicate tests of which an ordinary voltmeter or "analyzer" is completely incapable. In addition to performing such precision tests, all ordinary tests of voltage, current, resistance, capacity and output in a receiver, are provided.

A revolutionary feature of the 027 is the automatic push-button design for selecting the type of test and range desired. Eliminates rotary switches, jacks, plugs, etc., and saves time on all tests. Different colored selector buttons tie in with similarly colored scale identifications.

Other features of this outstanding new unit are—new large SQUARE type meter (4 $\frac{1}{8}$ in. x 4 $\frac{5}{8}$ in.) with exceptionally easy reading scales; extra high range ohmmeter (0 to 150 megohms); new type test prods with replaceable points; pilot lamp on vacuum tube voltmeter. Rugged construction throughout; matches other Philco test units in size and general appearance.

NET DEALER PRICE ... \$42⁰⁰

New PHILCO AUTOMATIC TUBE TESTER



Model 033. For 115 Volts 50-60 Cycles

Positive, fast, accurate push-button testing of all type tubes. Ultra-simplified controls plus automatic selection of voltage applied to tube being tested, are the outstanding features of this remarkable new instrument.

Only two controls to set—tests any tube in a few seconds time! Applied voltage selected by definite push-button controls.

Many other exclusive Philco features are built into this instrument. A novel revolving chart indicates setting of all controls to make a complete test of any tube.

Light weight, portable, rugged and attractive; panel matches other Philco test instruments. Large, easy-reading, illuminated indicating meter; neon tube flash test for showing up "shorts." Carrying handle makes it equally suitable for portable or counter use.

NET DEALER PRICE ... \$51⁰⁰

PHILCO CATHODE-RAY OSCILLOSCOPE (Self-Synchronizing)



Model 022

The Philco Cathode Ray Oscilloscope (Self-Synchronizing) is designed and built with the same precision and contains the same inbuilt quality of workmanship and material for which all Philco test instruments are famous. It includes two leading features highly desirable to the owner of an oscilloscope—extremely simplified operation and very moderate price.

This new Philco unit accomplishes all necessary tests with a minimum of adjustments—in fact, after a few preliminary adjustments practically everything is done with a single control knob.

The oscilloscope is useful in checking through a radio set to overcome hum, locate trouble in all parts of the receiver, and in detecting distortion in audio circuits. In consequence it is a very valuable instrument for the Service Department.

Conveniently designed in the same size case as the other standard Philco test units, this high-quality low-priced instrument combines simplicity, ruggedness and the precision of construction characteristic of all Philco products.

NET DEALER PRICE ... \$42⁰⁰

PHILCO SIGNAL GENERATOR



Model 077 for AC; Model 177 for Battery Operation

One of the most important units of equipment required for checking and tuning up a radio. Enables the serviceman to adjust the compensating condensers so as to get maximum output from each circuit—and thus maximum overall performance from the receiver.

Covers the entire standard and short wave ranges (115 KC to 37 MC); accurately calibrated, with knife-edge pointer on dial; more than ample output; unaffected by line voltage variations. All parts thoroughly moisture-proofed. Highly polished brass panel of unique Philco design.

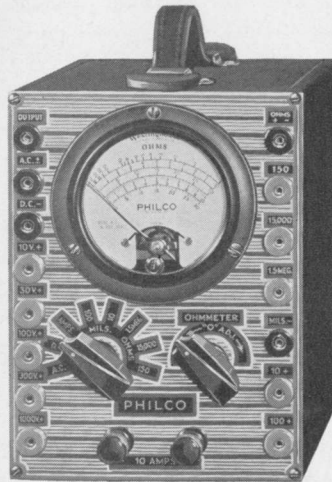
An added feature of this fine instrument is the audio frequency signal provided for testing the audio amplifier circuits—making it a double purpose instrument.

NET DEALER PRICE . . . \$27⁰⁰

(NOTE: Price of Model 177 does not include Batteries)

PHILCO CIRCUIT TESTER

MODEL 026



Self-
Contained
.
Battery
Operated

Size:
7"
High
5"
Wide
6"
Deep

The famous Model 026 Philco Circuit Tester has been the serviceman's standard for nearly three years—a compact moderate-priced complete set tester with 23 useful measuring ranges.

Equipped with a sensitive, high-quality meter, the 026 provides accurate tests of voltage, current, resistance and capacity, and makes an ideal output meter for use in alignment work. Provides 5 AC voltage ranges, 5 DC voltage ranges, 3 ohmmeter ranges, capacity range, and special shunt for auto radio current tests. Furnished complete with test prods, leads, output meter connectors and full instructions. A remarkable value.

NET DEALER PRICE \$28⁵⁰

PHILCO AUDIO SIGNAL GENERATOR

Model 044

NECESSARY
FOR A
COMPLETE TEST
ON ANY
RECEIVER



Another one of the fundamental units required for making a complete test of any radio. Enables a complete check of the response of the set to any audio (sound) frequency from the highest pitched note down to the lowest note of the audible scale.

Special uses (besides checking overall audio response and performance) are: Locating rattles and vibrations in speaker, cabinet or chassis; locating trouble in audio amplifiers; and adjusting audio circuit in high fidelity sets. Many dealers employ this instrument successfully in demonstrating to customers such features as high fidelity and bass compensation.

Designed to match the 077 signal generator in size, shape and panel design, the 044 is also equipped with knife-edge pointer on scale. Operates direct from standard 115-volt AC line.

An additional feature of this instrument is the inclusion of facilities for applying a modulated radio frequency signal which enables a quick test of the continuity of circuits in the receiver.

NET DEALER PRICE . . . \$22⁶⁵