THE CUSTOMER *HEARS* THE DIFFRENCE!

PHONOMETER

TYPE 7927

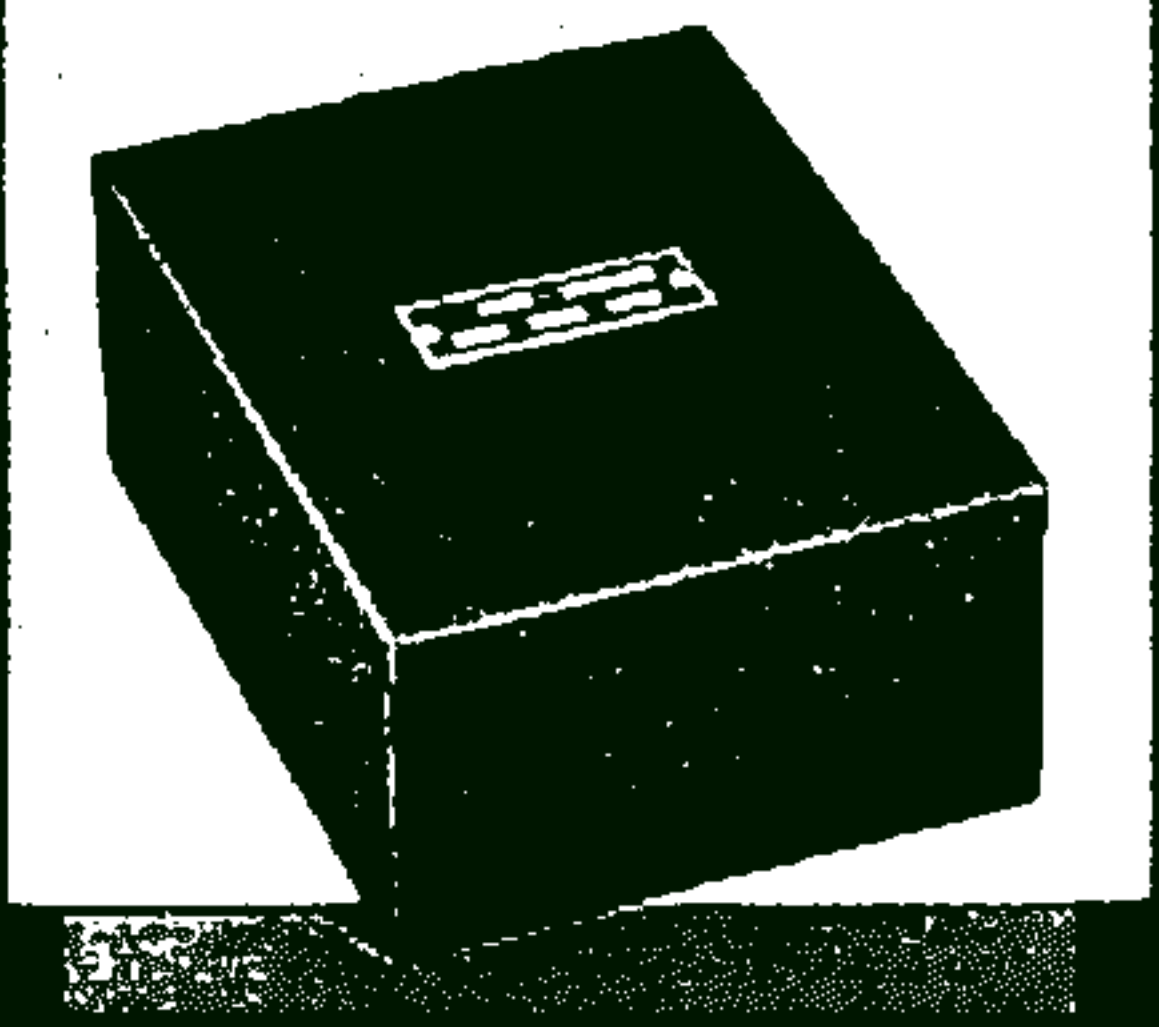
PUT THE PHONOMETER IN YOUR COAT-POCKET AND SET OUT TO VISIT CUSTOMERS

A modern valve measuring instrument that can do everything is very fine and convenient for the Service man, but unfortunately he cannot take it round to the customer. However, a small, handy measuring instrument for comparing old valves with new ones has now been designed. It has no measuring devices or pointers, but it allows the customer

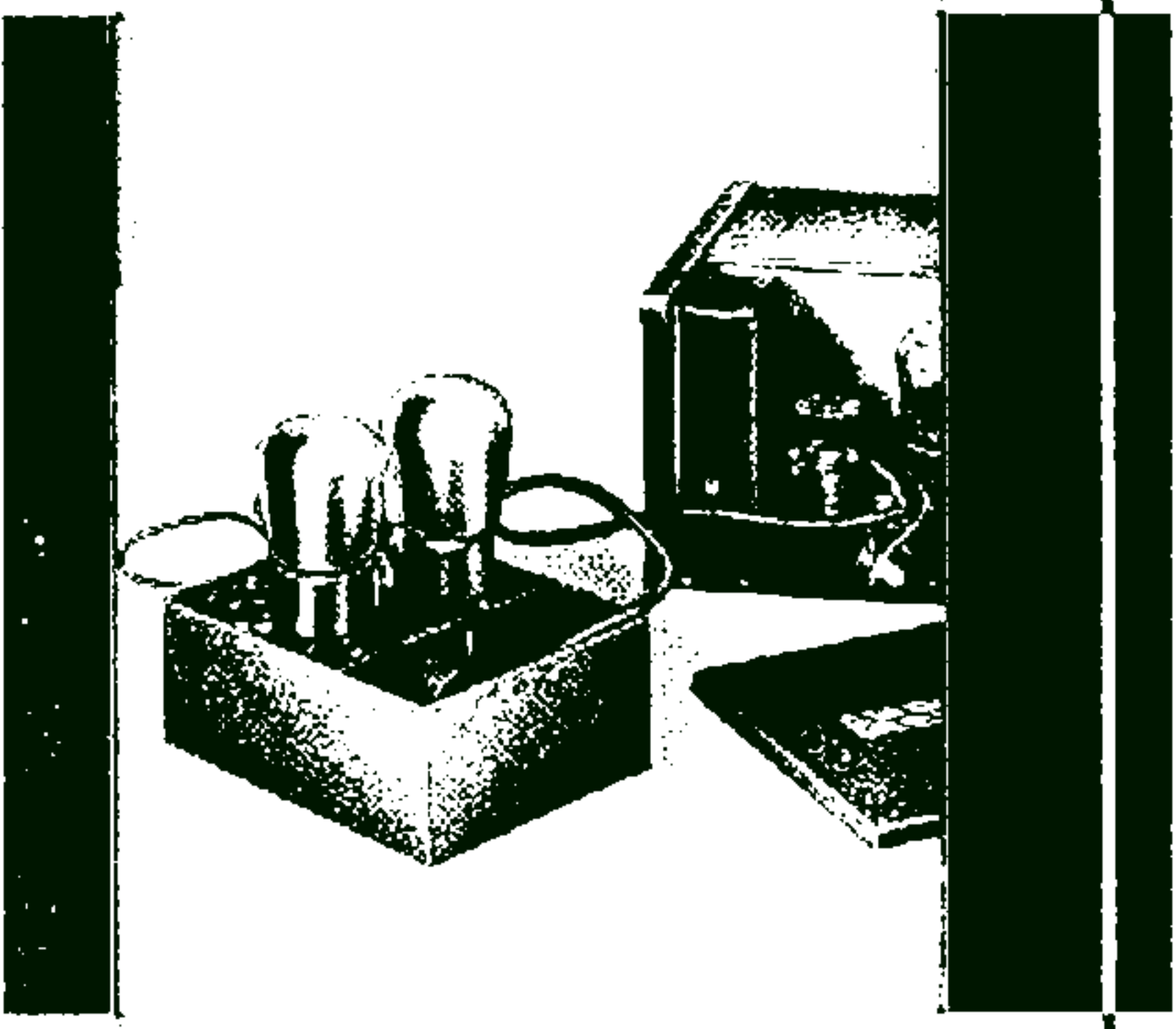
to hear the difference!

Any radio receiver can be connected to the Phonometer; it not only allows the difference between an old and a new valve to be clearly heard, but it also enables a comparison to be made between a used valve and a new "Mintwatt" of better and more modern construction (for instance a comparison between the C 443 and the newer type E 443 H).

The Phonometer is the cheap and ideal instrument for the progressive radio dealer who realises that the valve replacement business is an important aid to increasing his turnover and his profits.

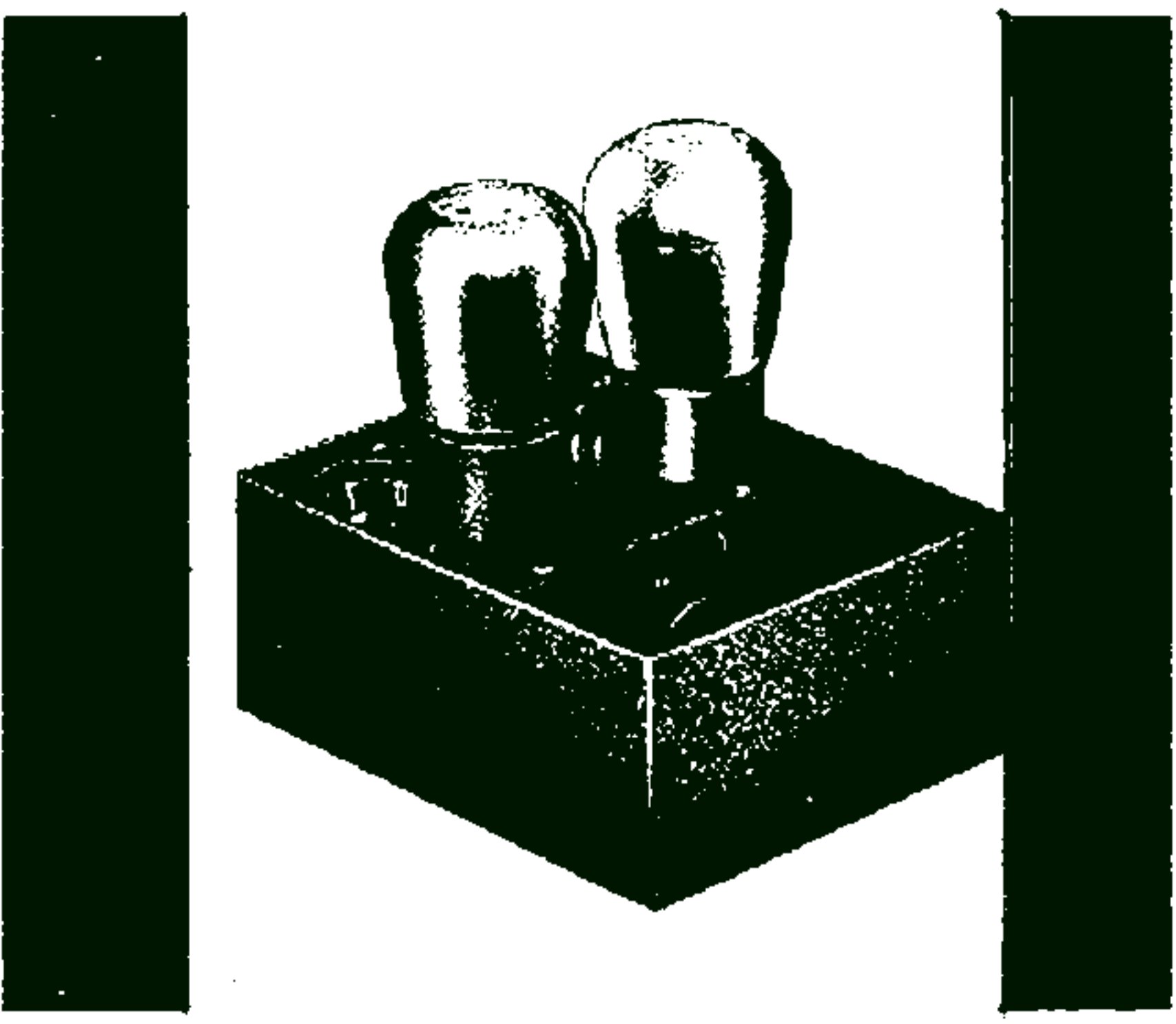


You can now prove to the customer in a clearly audible manner that his old valves are worn out: you simply connect the Phonometer and insert two valves, the old worn-out valve of the receiver



and the new "Miniwatt" you wish to sell. You insert the auxiliary base in the receiver valve-holder and by means of a small switching lever you can demonstrate without interruption and in a convincing manner the difference in reproduction between the old and the new valve...
All power and rectifier valves, with or without side or bulb connection, with old or new base, can be audibly compared with new modern types (it is only when comparing valves E 453 or E 463 that the use of an intermediate base is required). The valves which wear out soonest in operation are the power and rectifier valves, so the Phonom-

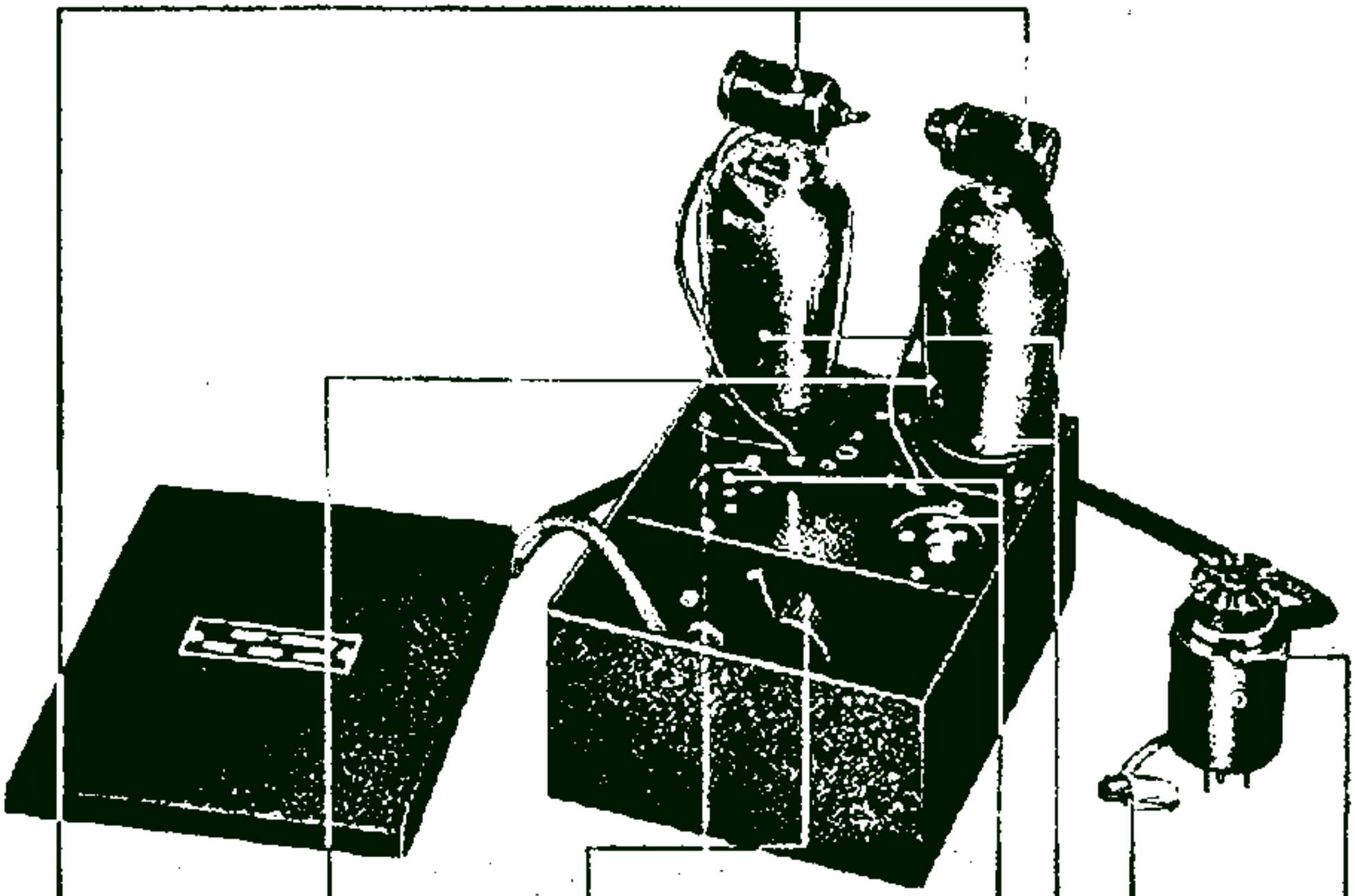
eter has been specially designed for the audible comparison of these two types. The Phonometer is not so suitable for H.F., converter and other pre-amplifier valves, because owing to changes in



capacity or other circumstances a perfect functioning of the instrument cannot always be guaranteed.

In order to convince the customers that the old valve is not purposely made to function badly by circuits of any kind in the instrument, the two valves to be compared can be interchanged after the first demonstration.

Let the "Miniwatt" Phonometer be your regular companion during every visit to customers!



Adapting piece for a valve connection at the base or on the glass bulb.

Two-pin short-circuiting plug. In position "P" for valves with parallel-connected filaments (A.C. receivers), in position "S" for series-connected valves of D.C. and AC/DC sets.

Change-over switch, by means of which switching from the old valve to the new and v.v. is effected; with the exception of the filament voltage all voltages are switched over from one valve to the other.

Holders for valves with A, H or O base (3-4-5-pin bases).

Holders for valves with P-base (base with outside contacts).

Connecting piece for possible additional wires in the set for a base or bulb connection of the valve.

Spare base, which is inserted in the radio set in the place of the old valve (power or rectifier valve). The upper part is a modern P-base, the lower part the former 4 or 5-pin base (A, H or O); the middle pin can if required be removed.

This Phonometer is a small, handy instrument that will please you; its surface area is exactly that of the upper picture, whilst the whole instrument is only 6½ cm high (about 2½ inches).