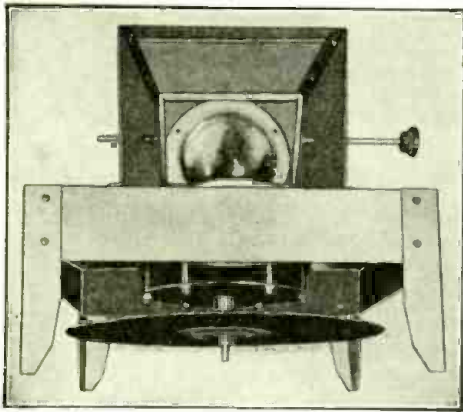


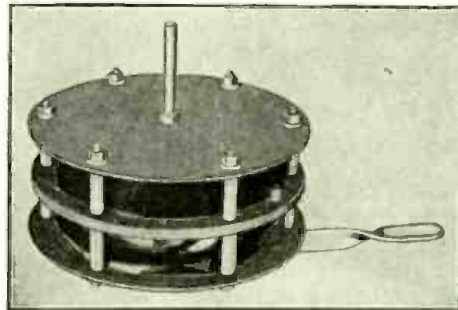
## New I. C. A. Receiver and Scanner



The I. C. A. "visionette" television scanner produces a large image in a mirror, so that several people can see and enjoy it simultaneously.

**T**HE new Visionette sight reproducer permits the whole family to view the television images simultaneously instead of one at a time, as in former devices. The essential parts of the Visionette are a special television motor, a neon lamp, a novel magnifying lens system, a brand new adjustable mirror screen, a shadow box and an attractive, compact, metal housing.

The special television motor employs a single stator winding for its field and two rotors, both on the same vertical shaft. One of the rotors is of the squirrel-cage induction type, and is used for bringing the scanning disc up to speed. The other rotor is of the lami-

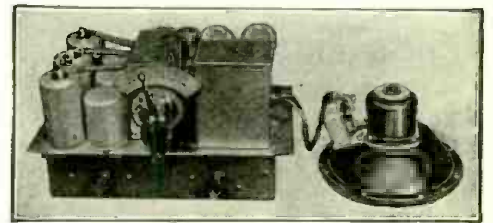


Double motor used in "Visionette" scanner, comprising an accelerating and synchronous motor, with framing lever.

nated iron, toothed synchronous type. This is brought within the field by means of a simple and convenient lever arrangement. If the motor happens to get out of synchronism (resulting in a picture out of frame), a touch of the

lever brings the induction motor into play, thus speeding the scanning disc up to synchronism and framing the picture without fuss or delay. This is an immense improvement over previous methods of framing.

The Insuline Short Wave and Television Receiver, available either as a separate unit or in conjunction with the Visionette kit, employs a new, simplified circuit having two tuned r.f. stages with variable mu tubes, a tuned detector using the '24 screen grid tube and a single power stage employing the pentode tube. The rectifier utilizes a full-wave '80 type tube. The built-in r.f. coils are of special design, covering a wavelength of from 75 to 200 meters. The same receiving set can be used for short-wave reception or for television, merely by flipping a toggle switch.



The new Insuline television receiver.

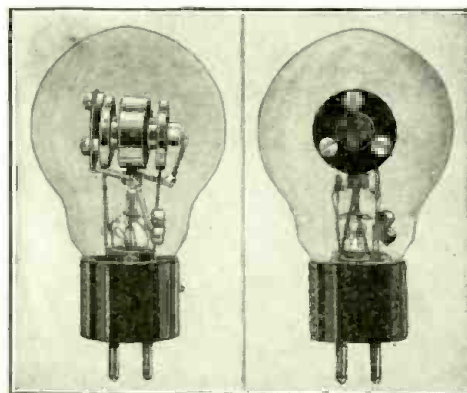
## New Jenkins Apparatus

**P**ROBABLY one of the most interesting new pieces of television apparatus brought out by the Jenkins Television Corp., is their new crater tube, shown in the accompanying picture. This improved type crater lamp was designed especially for use in the Jenkins Radiovisor, No. 400, and also their model A console, but it can be used, of course, in any lens type of scanner.

This tube is a heavy duty type and operates on 30 to 60 milliamperes and will stand up to 100 M.A. The crater tube is the new "spot-source" of light necessary with lens disc scanners, used for the purpose of reproducing a large image.



Another photograph shows the newest model of the Jenkins model JD 30 dual-purpose receiver, with a tuning range of 80 to 600 meters divided into two bands and due to the special design of the coils and condensers, ideal selectivity is provided in each band. The audio amplifier is of the latest type, resistance-coupled design, and has a range of 20 to 40,000 cycles. This receiver uses two screen grid tubes '24 type, 2 '35 tubes, 1 '27 tube and 2 '45 power tubes, with an '80 rectifier.

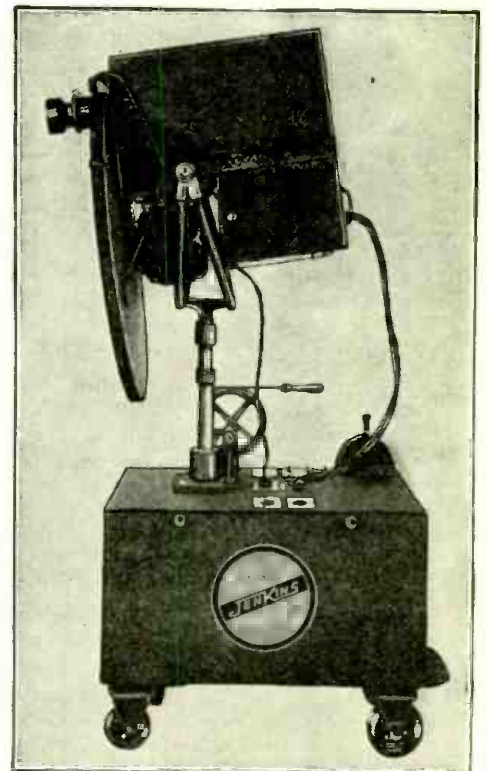


Above—Side and front view of new Jenkins crater tube.

Left—Jenkins 80 to 600 meters "Dual range" receiver with speaker built in.

A switch is provided which allows the operator to switch the signal from the loud speaker, built in the set, to a television scanner.

A new television "pick-up" camera is shown in one of the accompanying



Latest Jenkins pick-up camera suitable for "outdoor" work. It employs a new specially sensitive photo-electric cell; batteries for the head amplifier are contained in the bottom compartment.

photos, which employs a new photo-electric tube providing much greater detail in the image; it also provides much greater sensitivity to light than that heretofore obtainable, which renders this new "pick-up" camera ideally suited for outdoor "pick-ups".