

MAKING TUBES IS EASY..

If YOU KNOW HOW!



MEASURABLE CHARACTERISTICS CURVES IN 15 SECONDS INCLUDING BOTH POSITIVE AND NEGATIVE GRID REGIONS

Watch the operator manipulate quickly the switches and knobs of this new Hytron electronic curve tracer. Like magic, graduated horizontal and vertical scales flash onto the screen, and he calibrates them in desired units by adjusting the marker pips. Effortlessly, he traces the three basic characteristics curves (E_b-I_b , E_b-I_{c1} , E_b-I_{c2})—for a quick check or a photographic record. No slow tabulating and plotting of dozens of meter readings.

Because the grid potential is applied in a momentary, narrow pulse (monitored by the smaller 'scope), the curves include the positive grid region so important in analyzing transmitting tubes. Another advantage, missed with roughly plotted curves, is that the slightest eccentricities in the curves are apparent. Improper tube geometry, for example, is immediately detectable.

A maze of trigger, phase-inverter, and sweep circuits, synchronizing pulse generators, electronic switches, and regulated power supplies—the curve tracer's principle of operation is simple. Microsecond pulsing, electronic switching, and persistency of the oscilloscope screen do the trick. What does this fancy gadget mean to you? Better, more uniform Hytron tubes, because design and production control are easier, better. The new Hytron curve tracer is another step forward to give you the best in tubes.



SPECIALISTS IN RADIO RECEIVING TUBES SINCE 1921

HYTRON

RADIO AND ELECTRONICS CORP.



MAIN OFFICE: SALEM, MASSACHUSETTS