

**INSTRUCTION BOOK
MODEL 425 OSCILLOSCOPE**

GENERAL DESCRIPTION

The EICO Model 425 Oscilloscope has been designed to meet a definite need in the radio and television industries. It has the features of the general purpose oscilloscope, an instrument for the analysis of current and voltage waveforms, plus an extended range of frequency, sweep and sensitivity. It may also be used to study any variable within the limits of its frequency response and characteristics.

SPECIFICATIONS

1. Power Consumption: 68 watts, 100-130 volts, 50-60 cycles. Both sides of line fused.
2. Cathode Ray Tube: 5BP1 or equivalent.
3. Amplifiers: Push-Pull

Vertical

Horizontal

Sensitivity:

.05-1 RMS Volts/inch

.05-15 RMS Volts/inch

Frequency Response:

5 cycles to 400KC
cycles

5 cycles to 400KC
cycles

Usable to 2.5mc with
full gain setting.

Maximum Input Voltage:

400 Volts

400 Volts

4. Horizontal Time Base: 15 cycles to 75,000 cycles (Multivibrator)
5. Intensity Modulation: At back panel
6. Test Signal: 6.3 volts, 60 cycles, front panel.
7. Tube Complement: 1- 5BP1 Cathode Ray Tube
2- 6SN7 Amplifiers
1- 6SN7 Multivibrator