



**GENERAL PURPOSE
OSCILLOSCOPE
MODEL 10-21**

1. HOR./FREQ. SELECTOR SWITCH VIEWED FROM REAR - HOR. INPUT POSITION.
2. AMPLITUDE CONTROLS AT ZERO.
3. ALL RESISTORS IN OHMS - K = 1000 MEG = 1,000,000.
4. ALL VOLTAGES MEASURED WITH 11 MEGOHM INPUT VTVM - SPOT ON CRT CENTERED.

SPECIFICATIONS

VERTICAL AND HORIZONTAL AMPLIFIERS -

Frequency Response.	±2 db 2 cps to 200 kc.
Sensitivity.25 volt rms for 1" of peak-to-peak deflection.
Input Impedance.	10 megohms shunted by 20 μμf. (Rear panel terminals are provided for connecting directly to the vertical plates of the CRT.)

SWEEP GENERATOR-

Recurrent Type.	Linear sawtooth produced by multivibrator, with automatic synchronization.
Frequency.	20 cps to 100 kc in five overlapping ranges.
Blanking.	The retrace (flyback) is blanked by a signal from the sweep generator.

GENERAL-

Tube Complement.	1 - 3RP1: CRT, medium persistence, green trace. 4 - 12AU7: Horizontal and vertical cathode follower - amplifier and push-pull deflection amplifier. 1 - 12AX7: Sweep multivibrator. 1 - 6X4: Low voltage rectifier. 1 - 1V2: High voltage rectifier.
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Front Panel Controls.	HOR/FREQ SELECTOR (Horizontal input and sweep generator frequency selector) FREQUENCY VERNIER VERTICAL CENTERING VERTICAL AMPLITUDE HORIZONTAL CENTERING HORIZONTAL AMPLITUDE
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Rear Controls.	Vertical Input Switch Focus Astigmatism
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Inputs.	VERT INPUT HOR INPUT Input to vertical plates of CRT (on rear of Oscilloscope).
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Power Supply.	The power supply is fused and transformer operated.
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Power Requirements.	105-125 volts AC, 50/60 cps, 40 watts.
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