

September, 1968

TP-1442 DISPLAY SCOPE

Many applications require extensive interaction with graphical display data. This interaction is greatly facilitated by a large screen display oscilloscope. The TP-1442 uses magnetic deflection and a high resolution electron gun to achieve a small bright spot. The TP-1442 is ideally suited to computer displays up to a rate of 40,000 random points per second.

- \* Kinescope: 14" diagonal screen size  
P-7 phosphor standard (P-31 optionally available)
- \* Deflection: Magnetically deflected  
Corner to corner deflection time: 25 microsec  
Small signals response for .2 inch deflection: 2 microsec
- \* X-Y Amplifiers: D.C. coupled  
Sensitivity adjustable from .25 volts/inch to 1.5 volt/inch
- \* Linearity: 2% full scale
- \* Acceleration Voltage: 11 KV
- \* Plotting Area: 8" by 8"
- \* Z Unblanking Signal: -3 volts to unblank
- \* Intensity: Normally varied by controlling duration of unblanking signal (e.g. 1, 3, 9 microsec)
- \* BNC Connectors X-def., Y-def., Unblank, Signal Ground

CHASSIS SIZE: 19" relay rack mounting,  
15 3/4" high, 20 1/2" deep

WEIGHT: 57 pounds

INPUT POWER: 115 Volts A.C., 60 Hz, 150 Watts