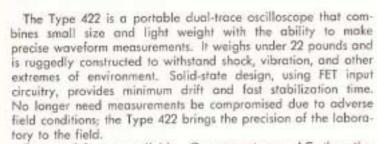
- COMPACT SIZE—LIGHT WEIGHT
- DUAL TRACE, FET INPUTS
- DESIGNED FOR SEVERE ENVIRONMENTS
- AC AND AC/DC VERSIONS
- UP TO 5 HOURS OPERATION FROM INTERNAL BATTERY PACK (AC/DC VERSION)
- ILLUMINATED PARALLAX-FREE GRATICULE



Two models are available. One operates on AC; the other on AC or DC, with an optional battery pack providing up to 5 hours operating time for completely portable operation. The AC model is also available as Type R422, arranged in a rack-mount panel assembly with a hinged-door compartment for storing accessories. The hinged door can be removed to allow the installation of a second Type 422 for applications that require two instruments. The entire assembly is mounted to the rack with slide-out tracks.



# CHARACTERISTIC SUMMARY

### VERTICAL

(2 Identical Channels)

BANDWIDTH-DC to 15 MHz.

RISETIME-24 ns.

CALIBRATED DEFLECTION FACTOR—10 mV/div to 20 V/div. INPUT RC—1 megohm paralleled by 33 pF.

## HORIZONTAL

CALIBRATED TIME BASE-0.5 ps/div to 0.5 s/div.

X10 MAGNIFIER—Extends fastest time-base to 0.05 µs/div.

EXTERNAL INPUT-1 V/div to 100 V/div, DC to 500 kHz.

#### CRI

DISPLAY AREA-8 x 10 divisions [0.8 cm/div].

ACCELERATING VOLTAGE-6 kV.

PHOSPHOR-P31.

#### OTHER

AMPLITUDE CALIBRATOR—0.2 V peak to peak, internally; 2 V peak to peak, front-panel jack; 1-kHz squarewave (approx).

### POWER OPTIONS-

AC Model: 90 to 140 VAC at 180 to 280 VAC, 45 to 440 Hz, approx 100 W. AC/DC Model: AC mode—92 to 137 VAC or 184 to 274 VAC, 45 to 440 Hz, maximum 30 W. DC mode—11.5 to 35 VDC, maximum 26 W. Also accepts 24-V battery pack.