

## Model 3200 Product Specifications

### Physical Dimensions:

**Height:** 4.7 inches (120 mm)

**Width:** 9.5 inches (240 mm)

**Depth:** 2.4 inches (60 mm)

**Weight:** 2.75 lbs (1.2 kg)

### Power:

**Battery:** Internal, Rechargeable, 7.2V Nickel Metal Hydride

**Charging Source:** External 12VAC transformer, 1.3A

**Operating Time:** Greater than 10 hours, continuous, without backlight

### Environmental:

#### Operating temperature:

+32 deg F (0 C) to +122 deg F (+50 C)

#### Storage temperature:

-4 deg F (-20 C) to +140 deg F (+60 C)

**Humidity:** 95% maximum relative humidity, non-condensing

### Display:

320 x 240 dot matrix Liquid Crystal Display (LCD) with electroluminescent backlighting

### Maximum Ranges:

63,700 feet (19.4 km) at 99% VOP

51,500 feet (15.7 km) at 80% VOP

*Range varies with VOP. Maximum testable cable, length varies with pulse width and cable type.*

**Horizontal Resolution:** 1 ft (0.1 m) at any VOP

**Vertical Sensitivity:** Greater than 56 dB

### Velocity of Propagation:

*Two user-selectable display formats*

VOP (%) with 2 digit precision ranging from 30% to 99%

V/2 with 3 digit precision

### Input Protection:

400 V (AC+DC) from DC to 400 Hz, decreasing to 10V at 1MHz

### Distance Accuracy: *Accuracy will vary with VOP*

+/- 0.5 ft (.15 m) plus +/- .01% of reading

### Output Pulses:

Pulse widths of 5, 25, 100, 500 nsec

### Waveform Storage: *All with 6,144 samples per waveform*

**Standard:** 4 SUPER-STORE waveforms

**Optional:** 16 SUPER-STORE waveforms

### Software Noise Filter:

**Standard:** 8x, 50/60 Hz, Auto

**Optional:** 4x, 16x, 32x, 64x, 128x Averaging

### Accessories:

**Standard:** Operator's manual, 12 VAC charger, Black, nylon carrying case, probes, connectors

**Optional:** Extended waveform memory storage, Additional noise filters, Extended warranty

**CE CERTIFIED**

Technological advances allow changes in specifications and/or components. Changes may be made without notification.

**For more information on this instrument call (402) 466-0933 or (800) 688-TDRS.**