

Model 1205CXA Product Specifications

Physical Dimensions:

Height: 10.5 inches (267 mm)

Width: 9.75 inches (247.6 mm)

Depth: 5 inches (127 mm)

Weight: 6 pounds (3.6 kg)

Power: Internal, Rechargeable, 7.2V Nickel Metal Hydride battery pack

Charging Source: External 12VAC transformer 1.3A (minimum charger)

Operating Time: Greater than 6 hours, continuous, without backlight

Environment:

Operating temperature: +32 deg F (0 C) to +122 deg F (+50 C)

Typical temperature: 5 deg F (-20 C) to +140 deg F (+60 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 CFL backlighting.

Horizontal Resolution:

<2000 ft: < .25 ft at .99 VOP, <.07 ft at .30 VOP
>2000 ft: 1 ft at any VOP

Vertical Resolution:

14 bits with 170 dots displayed

Vertical Sensitivity:

Greater than 65 dB

Maximum Range:

63,700 ft (19,400 meters) at .990 VOP, 51,500 ft (15,500 meters) at .800 VOP

Range varies with VOP. Maximum testable cable length will vary with pulse width and cable type. **Distance Accuracy:** +/- 0.1 ft (.03m) plus +/- .01% of reading. *Accuracy will vary with VOP and cable type.*

Input Protection:

400 volts (AC + DC) from DC to 400 Hz and decreases to 10 volts at 1 MHz

Auto dBRL: 2 digit auto dBRL calculation at cursor setting.

Velocity of Propagation:

Keypad selection from .300 to .990 in .001 or .01 increments.

Waveform Storage: Each with full vertical resolution

Standard: 8 waveforms

Optional: 32 waveforms

Automatic/Manual Noise Filter:

Standard: Two averaging filters.

Optional: Multi-function/level filter routines.

Output Connector: Front panel female BNC.

Serial I/O Port: RS-232.

Accessories:

Standard: Operator's manual, shoulder strap, battery charger, battery pack, noise filters, connectors, WAVE-VIEW software, clip-on accessory bag.

Optional: Additional waveform storage, multi-function/multi-level noise filtering, strand hooks kit, custom softside carrying case, 12V cigarette lighter charger, extended warranty

CE CERTIFIED

ISO 9001 registered

CE Certified

Output Pulse: Selectable output pulse widths	
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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.