

## 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, noncondensing.

### 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

### Output Pulse:

Selectable output pulse  
widths

### 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, clipon  
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

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

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