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## Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

## Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

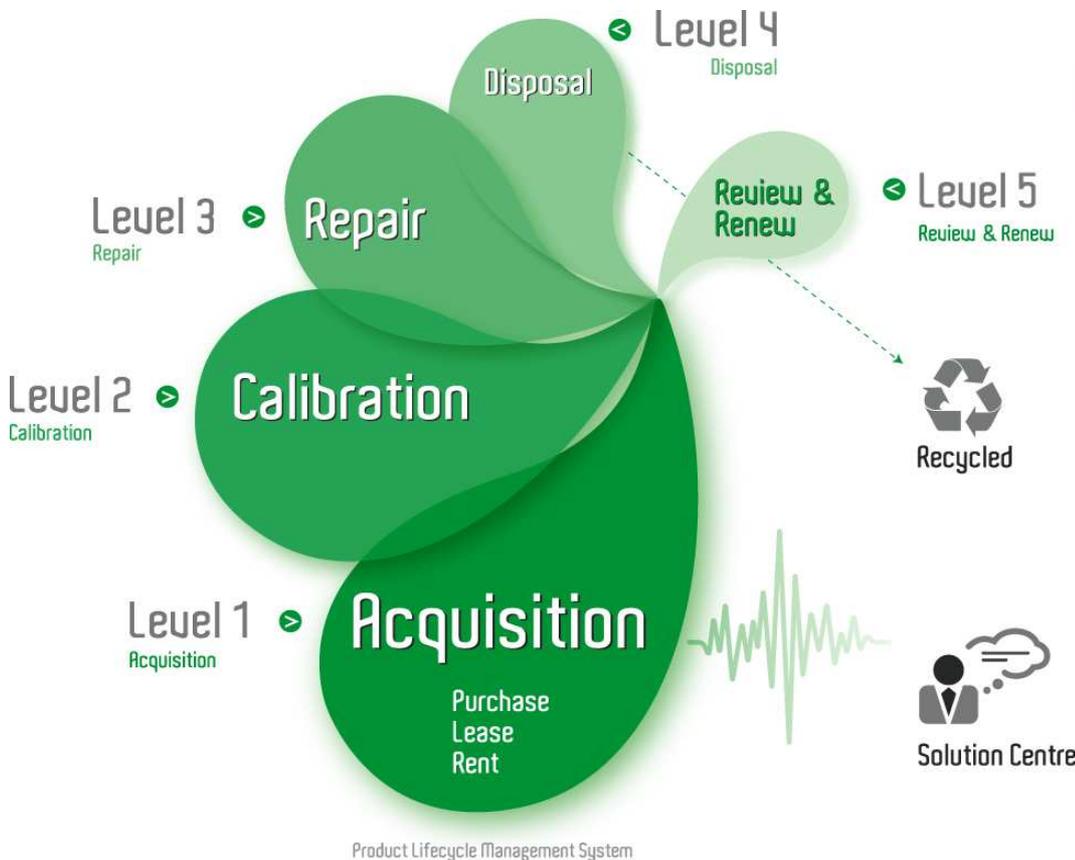
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TMG Corporate Website

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Product Lifecycle Management System

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## 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**

<b>Output Pulse:</b> 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.**