

# LDT-05

## Digital electronic theodolite for construction



The LDT-05 digital electronic theodolite is designed for enhanced performance in construction applications. Work faster with the advanced features of the LDT-05 to improve productivity while increasing the bottom line.

### Advanced Features

- ☑ **Automatic vertical compensation**
  - ⇒ A tilt warning occurs if out of compensation range, preventing costly errors
- ☑ **Visible laser plummet**
  - ⇒ Makes setting over a point a snap — much faster & easier than optical plummets
- ☑ **5-second accuracy**
  - ⇒ High accuracy for tight tolerances
- ☑ **Precision dual LCD panels with large, easy-to-read numbers**
  - ⇒ Observe display and functions from both sides of the instrument
- ☑ **Vertical angle measuring includes percent of grade option**
  - ⇒ Percent of grade or degrees — your choice!
- ☑ **Auto Power-Off Option**
  - ⇒ If enabled, shuts off unit in 30 minutes if no activity to conserve power
- ☑ **Audible 90 degree 'beep'**
  - ⇒ Emits an audible tone at for each of the four right-angle directions for faster orientation
- ☑ **Zero resetting**
  - ⇒ Instantly resets the horizontal angle to zero
- ☑ **The LDT-05 includes both rechargeable and alkaline battery options**
  - ⇒ Power is always available
- ☑ **One-year warranty**
  - ⇒ Our warranty provides you with peace of mind for a full 12 months

### Fast set-up and easy to use

The advanced features of the LDT-05 make set-up fast and very easy. The intuitive on-board functions allow most anyone to use this great tool, even those with minimal experience!

### Economical and affordable

The LDT-05 is attractively priced to fit everyone's budget. Contact your local dealer today for more details and a quote.

*Distributed in North America by:*

Leica Geosystems Inc.  
Norcross, GA 30092 USA

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Specifications		LTD-05	
Telescope	Image	Erect	
	Magnification	30x	
	Objective aperture	45mm	
	Field of view	1°30'	
	Shortest stadia	1.35m	
	Stadia multiplying constant	100	
	Stadia additive constant	0	
	Resolving power	3"	
Angle Measuring System	Method of angle measuring	incremental mode readings of photoelectricity	
	Minimum reading	1" 5"	
	Method of detecting	H: two sides; V: one side	
	Accuracy of measuring angle	5"	
	Angle unit	DEG MIL GON	
	Display	LCD double sides	
Compensator	Tilt sensor	—	
	Compensator range	—	
Plummet	optical	Image	Erect
		Magnification	3x
		Field of view	5°
	laser	Focusing range	0.5m~
		Laser power	1mW
		Laser spot diameter	<2mm
	Accuracy	1.5mm (height of level 1.5m)	
Bubble	Accuracy of plate bubble	30" /2mm	
	Accuracy of circular bubble	8' /2mm	
Working temperature		20°C ~ +50°C	
Power	Battery	dry battery or chargeable nickel-hydrogen battery	
	Power voltage	4.8V	
	Battery life	36h (without laser)	
Weight		4.6kg	
Dimensions		164 x 154 x 340mm	

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