

# T.O.2

## Digital electronic theodolite for construction

The T.O.2 digital electronic theodolite is designed for enhanced reliability in construction applications. Its advanced features let contractors work faster and longer, improving productivity and increasing profitability.

### Enhanced Reliability

- 2" horizontal and vertical readout
- Precision dual LCD panels with large, easy-to-read numbers
- Vertical angle measuring provides three different options plus percentage of grade

### Easy-to-read & easy-to-use

- Auto Power Off option
- Laser plummet
- Zero resetting
- Removable tribrach for multiple set-ups

### Audible right-angle notification

- Once the (0) horizontal angle is determined, the T.O.2 emits an audible tone for each of the right angle directions
- Beeping stops when the units comes within  $\pm 1^\circ$

### Rugged IP66 protection

- Water resistant, sealed construction
- One year warranty



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	Precision	2"
	Display resolution	1" or 5"
	Display units	DEG (360° 00' 00"), GON (400), MIL (6400), V/%
Telescope	Magnification	30X
	Objective aperture	45 mm (1.7 in)
	Minimum focusing distance	1.35 m (4.43 ft)
	Stadia multiplication factor/constant	100/0
Compensator	System	Automatic vertical compensator, User set On/Off
	Working range	± 3'
Operation	Display	Large character dual back-lit LCD
	Keys	6 one touch button functions
Laser Plummet	Type	Visible laser point
	Accuracy	1.5 mm at 1.5 m instrument height
Environmental Conditions	Operating temperature	-20°C to +50°C
	Protection to dust and water	IP54
Weight	Weight including battery and tribrach	4.5 kg (9.9 lb)
Battery/Power management	Type of battery	Rechargeable NiMH, replacement alkaline battery pack
	Operation period without laser plummet	36 h



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