

DWT10

Electronic Digital Transit-Theodolite

Simple, Push Button Functions gives the user precise LCD digital readouts

Features:

- 5 second vertical and horizontal angular readout
- Dual LCD display
- Vertical angle measuring; provides three different options plus percentage of grade
- Optical plummet
- Zero resetting
- Built in battery pack can be attached and detached by a single action
- Vertical and horizontal readings shown on one big screen
- Water-resistant, sealed construction
- Custom hard-shell case with fitted foam interior

Improved.

- **5 second angular readout**
- **Vertical Tilt Sensor...** monitors the tilt angle in x-axis.



- Display Screen and Telescope Crosshair Illuminated for low light conditions
- Vertical Angles in degrees and percentage of grade
- Zero Resetting, clockwise or counterclockwise angle reading



Specifications

Telescope:	DWT10
Length:	6.1" (155mm)
Min. Focus:	53" (1.3m)
Aperture:	1.77" (45mm)
Field of View:	1° 30'
Magnification:	30X
Image:	Erect
Stadia Ratio:	100 to 1
Stadia Constant:	0

Electric Angle Measurement:

Method:	Incremental
Min. Reading:	5" (3 mog)
Accuracy:	5"
Diameter of Circle:	3.22" (82mm)

Illumination: Display and Reticle

Optical Plummet:

Magnification:	3X
Field of View:	5°
Focusing Range:	20" to infinity (0.5m to infinity)

Level Vial Sensitivity:

Plate Vial:	30" per 2mm
Circular Vial:	8' per 2mm

Display Operating Range:

Operating Voltage:	4-6 VDC
Battery:	(4) AA Batteries
Operating Time:	15 hrs continuous use @ 68°F (20°C) (Alkaline Batteries)
Operating Temperatures:	-4° to +122°F (-20° to +50°C)

46-8890

DWT-10 Digital Theodolite

Includes: Carrying case, batteries, sun shade, tool kit, rain cover, drying cloth, and plumb bob