

## FEATURES & BENEFITS

- ▶ User selectable display resolution of 1 inch or 5 inches
- ▶ Very large LCD characters are easy to see
- ▶ Includes programmable settings for the horizontal angle resolution and beep, vertical degrees or %, automatic shutoff, zenith angle and vertical axis compensation
- ▶ Low light, water and dust resistant
- ▶ Long battery life of 36 hours, backup pack runs on four standard AA batteries
- ▶ Comes equipped with a plumb bob, NiMH rechargeable battery pack and charger, alkaline battery pack, adjustment tools, rain hood, multi-language user guide, and hard-shell carrying case
- ▶ Weighs 9.90 lb (4.50 kg)

## APPLICATIONS

- ▶ Building 90 degree reference line
- ▶ Checking angles, alignment, and plumb
- ▶ Alignment of forms, tilt-up walls, and curtain walls
- ▶ Gravity flow pipe laser setup



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# Significantly Increase Productivity and Accuracy While Reducing Costs

## DET-2 Construction Theodolite



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# TECHNICAL SPECS



## DET-2 Construction Theodolite

### TELESCOPE

Image	Erect
Magnification	30X
Aperture	45 mm (1.7 in)
Focus Distance	1.35 m (4.43 ft) to $\infty$
Field of View	1° 30'
Stadia Ratio / Constant	100 / 0

### OPTICAL PLUMMET

Image	Erect
Magnification	3X
Angle of View	5°
Focusing Range	0.5 m ~ $\infty$ (1.6 ft ~ $\infty$ )
Reticle Type	Crosshair

### ANGLE MEASURING SYSTEM

Minimum Reading	1" or 5"
Precision	2"
Units	Deg / mil / gon / V %
Display	Dual, Large Character, Backlit LCD both sides

### TILT SENSOR

Automatic Compensation	User set On/Off, $\pm 3'$ Range
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### VIALS

Tubular	30"/2 mm
Circular	8'/2 mm

### ILLUMINATION

Display	Yes
Reticle	Yes

### OTHER

Dust/Water Resistance	IP54
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Size	164 x 154 x 340 mm (6.4 x 6.1 x 13.4 in)
Weight	4.5 kg (9.9 lb)
Shipping Weight	8.6 kg (19 lb)
Warranty	1 year



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