DET-2 Construction Theodolite
Full Featured Digital Theodolite for Construction

Key Features and Benefits
- 2 arc seconds angular accuracy - accurate enough for any construction job, yet the display resolution can be tailored to any operator's preferences for fast readings
- Vertical axis compensation - tilt sensor provides the highest level of accuracy and can be turned on or off depending on job requirements
- Dual LCD with large characters - easy to see angle readings eliminate errors and reduces eye fatigue
- Simple six button keypad - quick setups and simple operation with low operator learning curve
- Large suite of programmable settings - provide multiple options for various users and job requirements including zero position of vertical angle
- Measurement units in degrees, gon, or mils
- 90 Degree angle audible notification - for quick turning and set out of right angles
- Instant conversion of vertical angles to percent of grade - convenient for slope work and when used in conjunction with Dialgrade® pipe work
- NiMH rechargeable battery pack and charger - lower operating cost with reusable batteries
- Alkaline battery pack standard - provides backup and eliminates downtime if the charge is lost in the middle of a job
- Each DET-2 comes equipped with a plumb bob, NiMH rechargeable battery pack and charger, alkaline battery pack, adjustment tools, rain hood, multi-language user guide, and hardshell, compact, o-ring sealed, carrying case

Applications
- Establishing 90 degree reference lines
- Checking angles, alignment, and plumb
- Anchor bolt alignment
- Gravity flow pipe laser setup
- Steel column placement
- Alignment of forms, tilt-up walls, and curtain walls
- Basic grade work
- Short range leveling

| DET-2 |
|---|---|---|---|---|---|---|
| Telescope | Optical Plummets | Angle Measuring System | Vials | Button Functions | Other Specs |
| Erect | Erect | Minimum reading | 1° or 5° Tubular | ON / OFF Power | Dust/Water IP-54 |
| 30X | 3X | Precision | 2° Circular | R Backlight / Illumination on / off | |
| 45 mm | 5° | Units | Deg / mm / gon / V% HOLD Angle hold | Operating temperature −20°C to +50°C |
| 1.45 m | 0.5 m – ∞ | Display | Dual, Large Character LCD tilt sensor R/L Clockwise / Counterclockwise measurement | Weight - instrument 164 x 154 x 340 mm |
| 1° 30’ | Crosshair | Auto compensation | User Set On / Off ±3’ Range | 0SET Zero reset of horizontal angle | Warranty 1 Year |
| 100 / 0 | | | | V% Convert vertical degrees to % |