

LT8-300 & LT8-300P Level-Transits

Ruggedness and dependability make these five minute instruments these first choice for practically every horizontal and vertical sighting application in construction.

- 26X Telescope- Greater range.
- Five Minute Circle- Greater accuracy.
- Solid Three-Piece Standard- Engineered to protect against dirt, damage and costly repairs.
- Wide-Stance Ball Bearing Center- Assures smooth movement and superior alignment control.
- Top-Mounted Vial- Out in the open and easy to see.
- Focus Knob- Easy to reach, no matter what angle you're shooting.
- The LT8-300 and LT8-300P include a protective carrying case, plumb bob, sunshade, rain hood, objective lens cap and instruction manual.



Specifications

Telescope

Power: 26X
Length: 8.5" (216mm)
Minimum Focus: 6' (1.8M)
Aperture: 1.257" (32mm)
Field of View: 1' 9" @ 100' (.5M @30M)
Number of Lenses: 8
Stadia: 1:100

Range

Up to 400 feet (122M)

Accuracy

Within 3/16" @ 150 feet (5mm @ 46M)

Optical Plummet (LT8-300P only)

Magnification: 1.5X
Fixed Focus: From 4'-7"
Reticle: Cross lines, wire type, adjustable focus
Field of View: 3.5" @ 5 feet
Center Stud: 1 5/8" shift adjustment for easy setup of optical plummet. LT8-300P includes adapter to allow use with 5/8 X 11 tripod

Horizontal Circle

Graduation Diameter: 4 5/8" (117mm)
Graduations: Each 1°
Numbers: Each 10°, 0-90-0°
Vernier: Double direct to 5 min.

Vertical Arc

Graduations: Each 1°
Numbers: Each 10°, 45-0-45°
Vernier: Double direct to 5 min.

Center

Wide-stance ball bearings

Level Vial

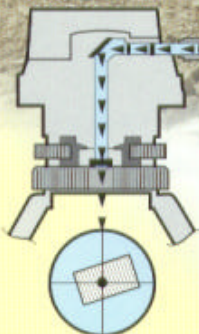
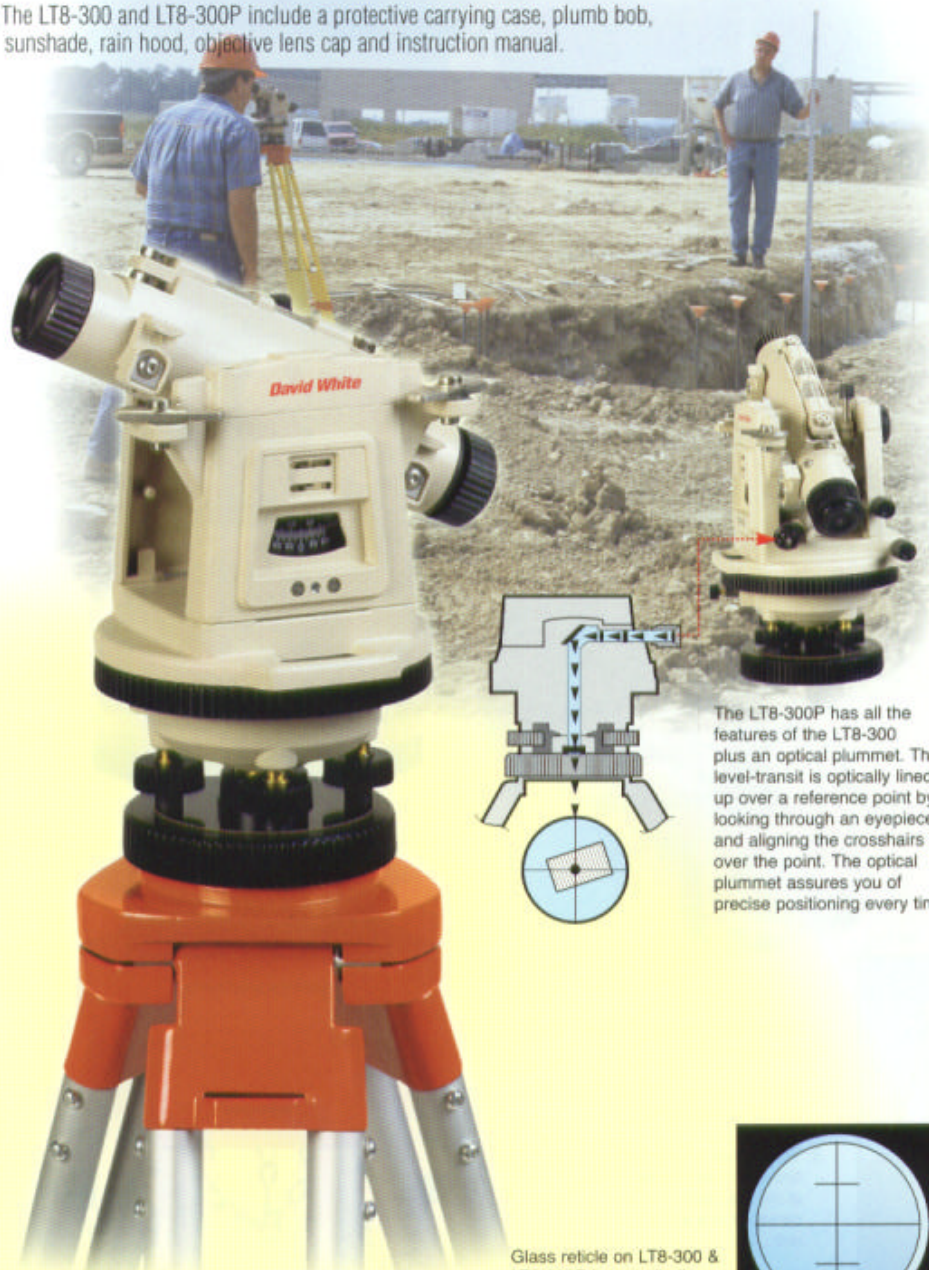
110-120 sec. per 2mm

Weight

Instrument Only: 9 lbs. 8 oz. (4.3kg)
With Case and Plumb Bob: 14 lbs. 4 oz. (6.4kg)

Case

Double-walled polyethylene, safety orange



The LT8-300P has all the features of the LT8-300 plus an optical plummet. The level-transit is optically lined up over a reference point by looking through an eyepiece and aligning the crosshairs over the point. The optical plummet assures you of precise positioning every time!

Glass reticle on LT8-300 & LT8-300P has stadia lines for measuring distance. Stadia ratio 1:100



A circle lock on the LT8-300 and LT8-300P (shown on back) assures accuracy by preventing the horizontal circle from being moved accidentally.

