

## Specifications

<b>Telescope:</b>	<b>LT8-300</b>
Power:	26X
Length: 6.1"	8.5" (216mm)
Min. Focus:	6' (1.8m)
Aperture:	1.257" (32mm)
Field of View:	1'9" @ 100' (.5M @ 30M)
Number of Lenses:	8
Stadia:	1:100
Rotation:	360°

### Range:

Up to 400 feet (125m)

### Accuracy:

Within 3/16" @150 feet (5mm @ 50m)

### Horizontal Circle:

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

### Center:

Wide-stance ball bearing

### Telescope Vials:

120 sec. per 2mm

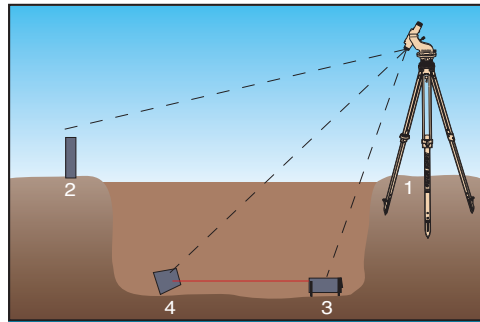
### Plate Vial:

360 sec. per 2.5mm

## LT8-300LTU Line Transfer Unit

The LT8-300LTU with 360° telescope rotation allows you to see directly below the instrument for pipe laying applications.

- Versatile— Can be used with pipe aligning lasers or as a level-transit.
- Powerful 26X Optics— Greater range than competitors' models.
- Circle Lock— Assures accuracy by preventing the horizontal circle from being moved accidentally.
- Glass Reticle— With stadia lines for measuring distance. Stadia ratio 1:100.
- Plate Vial— For rough leveling and general plumbing requirements.



1. Set up the LT8-300LTU over your pipe laser.
2. Sight on the far point and lock the horizontal screw.
3. Transit over the pipe laser and align the front and back of the pipe laser with the cross hair in the line transfer unit.
4. Transit out to point in ditch. Adjust laser beam left or right to center it in the crosshairs.

44-8877

### LT8-300LTU Line Transfer Unit

**Includes:** Carrying case, adapter to allow use with the 5/8X11 tripod, rain hood, objective lens cap



**BAP Equipment Ltd.**  
**www.bapequipment.com**  
**Phone: 1-800-561-3600**

*Nobody Helps You Build Better...since 1895*

# LT8-300 & LT8-300P

## Universal Level-Transit

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

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### Specifications

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**Power:** 26X

**Length:** 8.5" (216mm)

**Min. Focus:** 6' (1.8M)

**Aperture:** 1.257" (32mm)

**Field of View:** 1' 9" @ 100'  
(.5m@30m)

**# of Lenses:** 8

**Stadia:** 1:100

**Range:**

Up to 400 feet (122m)

**Accuracy:**

Up to 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.

**Horizontal Circle:**

**Leveling Screws:** 3

**Tangent Screw:** Infinite

**Circular Vial**

**Sensitivity:** 8 min./2mm

**Vertical Arc:**

Graduations: Each 1°

Numbers: Each 10°, 45-0-45°

Vernier: Double direct to

5min.

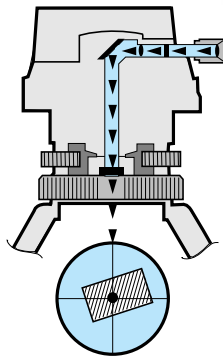
**Center:**

Wide-stance ball bearings

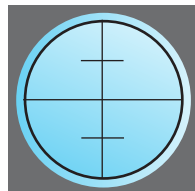
**Level Vial:**

110-120 sec. per 2mm

- 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 LT8-300P 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



### Model LT8-300(P) Packages

46-8870

**LT8-300 Universal Level-Transit Includes:** Plumb bob, rain hood, objective lens cap, carrying case

46-8871

**LT8-300P Level-Transit with Optical Plummet Includes:** Plumb bob, rain hood, objective lens cap, carrying case

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



**David White**

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