

# LT8-300LTU Line Transfer Unit

## 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  
Rotation: 360°

### Range

Up to 400 feet (125M)

### Accuracy

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

### Horizontal Circle

Graduation 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

### Weight

Instrument Only: 9 lbs. 10oz. (4.4kg)  
With Case: 18 lbs. 9oz. (8.4kg)

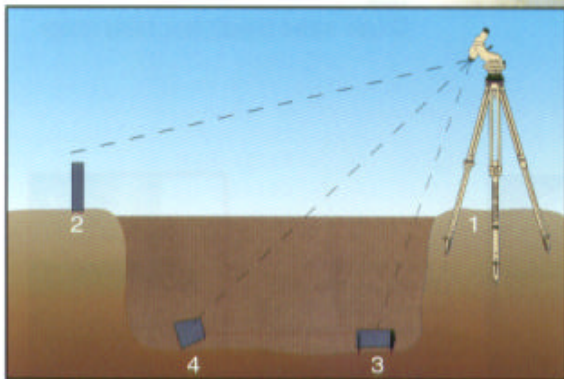
### Case

Double-walled polyethylene, safety orange



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.
- Five Minute Horizontal Circle- Provides the accuracy your work demands.
- 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 plummetering requirements.
- The LT8-300LTU includes a protective carrying case, adapter to allow use with 5/8 X11 tripod, rain hood, objective lens cap and instruction manual.



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 crosshair in the line transfer unit.
4. Transit out to point in ditch. Adjust laser beam left or right to center it in the crosshairs.