

Yato | Code YT-30552 | Sku 1030552

Optical Auto Level 32x 38mm



Overview

Your Partner in Surveying Discover the YT-30552 optical level, designed for the highest precision in surveying and construction. Its robust construction and high-quality optics will meet any challenge. Maximum Precision, Reliable Operation Factory calibrated and ready for immediate use IP54 protection class ensuring protection against raindrops and fine dust High-quality optics for excellent visibility Pneumatically damped compensator ensuring measurement stability Working range up to 100 meters for a wide range of applications Measurement accuracy of 1.0 mm/30 m for single height measurement Low deviation of ± 2.0 mm per 1 km of double leveling Telescope magnification of 32x Robust construction and low weight (1.4 kg) for easy transport Practical transport case with shock-absorbing padding High Precision Range 100 m Magnification 32x Professional Applications Case Included Technical Specifications: Working range: 100 m (within a radius of 1 to 50 meters) Telescope magnification: 32x Objective diameter: 38 mm Height measurement accuracy (single measurement 30 m): 1.0 mm Standard deviation per 1 km of double leveling: ± 2.0 mm Protection degree: IP54 Type of compensator: Pneumatic Compensator leveling range: $\pm 15'$ Weight: 1.4 kg Included in the Set: Plastic case with shock-absorbing padding Plumb bob Hex key Adjustment spindle Calibration certificate User manual

Key Technical Specifications

Brand	Yato
Symbol	YT-30552
Weight	1.4 kg
Dimensions	210x135x140 mm
Lens diameter	38 mm
Producer code	5906083112171
Length / Range	100 m
Tripod included	no
Protection grade	IP54

Addition constant	0
Compensator range	±15'
Storage temperature	-20 ~ +50 C
Type of compensator	pneumatic
Multiplication factor	100
Tripod connection size	5/8" (15.9 mm)
Telescope magnification	32x
Accuracy of the box vial	8' / 2 mm
Working temperature range	-20 ~ +50 C
Accuracy of the compensator	±0.5"
Minimum measurement distance	1 m
Horizontal wheel: pitch / pitch interval	360 / 1
Standard deviation per 1 km of double levelling	±2 mm
Accuracy of height measurement for a single measurement at 30 m	1 mm

Key Points

- Factory calibrated and ready for immediate use
- IP54 protection class ensuring protection against raindrops and fine dust
- High-quality optics for excellent visibility
- Pneumatically damped compensator ensuring measurement stability
- Working range up to 100 meters for a wide range of applications
- Measurement accuracy of 1.0 mm/30 m for single height measurement
- Low deviation of ±2.0 mm per 1 km of double leveling
- Telescope magnification of 32x
- Robust construction and low weight (1.4 kg) for easy transport
- Practical transport case with shock-absorbing padding
- Working range: 100 m (within a radius of 1 to 50 meters)
- Telescope magnification: 32x
- Objective diameter: 38 mm
- Height measurement accuracy (single measurement 30 m): 1.0 mm
- Standard deviation per 1 km of double leveling: ±2.0 mm
- Protection degree: IP54
- Type of compensator: Pneumatic
- Compensator leveling range: ±15'
- Weight: 1.4 kg
- Plastic case with shock-absorbing padding
- Plumb bob
- Hex key

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- Adjustment spindle
 - Calibration certificate
 - User manual