

Yato | Code YT-30553 | Sku 1030553

Auto Level 32x with Rod and Tripod Set



Overview

Complete Set for Professionals. Choose reliability with the YT-30553 level, which offers exceptional precision thanks to high-quality optics and a pneumatic compensator. Complete with a tripod and a leveling rod, it can handle any challenge. Factory calibrated and ready for immediate use, it features a durable housing with IP54 protection class guarding against raindrops, high-quality optics providing a clear image, and a pneumatically damped compensator for stable and repeatable measurements. With a working range up to 100 meters and height measurement accuracy of 1.0 mm/30 m, it suits a wide range of applications. The set includes a tripod and a 5-meter leveling rod to create a complete workstation, plus a robust transport case with shock-absorbing padding for safe storage. It operates across a wide temperature range from -20°C to +50°C. Technical Specifications: Telescope Magnification: 32x Working Range: 100 m (from 1 to 50 meters in radius) Height measurement accuracy for a single measurement: 1.0 mm/30 m Deviation over 1 km of double leveling: ± 2.0 mm Protection Class: IP54 (waterproof) Compensator Type: pneumatic, leveling range: $\pm 15'$ Objective Diameter: 38 mm Tripod Mount: 5/8" Included in the Set: Optical Level 32x Survey Tripod 5-Meter Leveling Rod Plastic Case with Shock-Absorbing Padding Plumb Bob Hex Key Adjustment Screw Calibration Certificate User Manual

Key Technical Specifications

Brand	Yato
Symbol	YT-30553
Weight	1.4 kg
Dimensions	210x135x140 mm
Set includes	level, tripod, leveling rod, plumb bob, adjustment pin, Allen key, transport case
Lens diameter	38 mm
Producer code	5906083112188
Length / Range	100 m

Tripod included	yes
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
- Durable housing with IP54 protection class, guarding against raindrops
- High-quality optics providing a clear image
- Pneumatically damped compensator for stable and repeatable measurements
- Working range up to 100 meters for a wide range of applications
- Height measurement accuracy of 1.0 mm/30 m ensuring precision
- Includes a tripod and a 5-meter leveling rod, creating a complete workstation
- Robust transport case with shock-absorbing padding for safe storage
- Wide operating temperature range from -20°C to +50°C
- Telescope Magnification: 32x
- Working Range: 100 m (from 1 to 50 meters in radius)
- Height measurement accuracy for a single measurement: 1.0 mm/30 m
- Deviation over 1 km of double leveling: ±2.0 mm
- Protection Class: IP54 (waterproof)
- Compensator Type: pneumatic, leveling range: ±15'
- Objective Diameter: 38 mm
- Tripod Mount: 5/8"
- Optical Level 32x
- Survey Tripod
- 5-Meter Leveling Rod

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- Plastic Case with Shock-Absorbing Padding
 - Plumb Bob
 - Hex Key
 - Adjustment Screw
 - Calibration Certificate
 - User Manual