

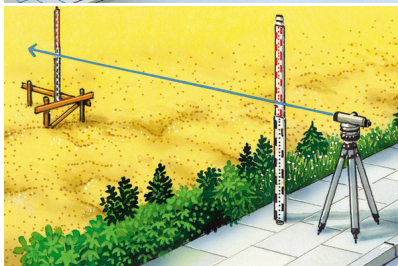
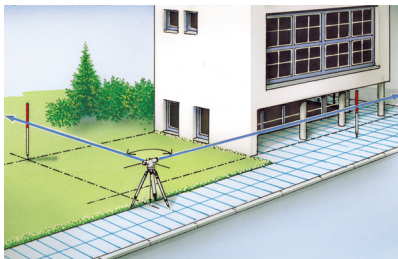
## Autom. Optical Level 32 Plus Set

Robust and reliable levelling instrument with high-performance lenses for use in the construction industry



This waterproof and dust-tight levelling instrument with high-performance lenses is ideal for applications in the construction industry. A precise, air-damped compensator provides the device with automatic horizontal adjustment of the target line. Distances are determined with the aid of the marks on the crosshairs with easy conversion of the display value from centimetres to metres (multiplier 100). An easy-to-use mirror assists alignment with a circular bubble level. A horizontal circle with infinite vernier adjustment facilitates precise targeting. Manual controls ensure convenient operation for the user. Lightweight aluminium tripod with spherical mounting surface for quick alignment of the AL 32. The stable levelling staff is suitable for use under extreme conditions.

- Distance measurement with the aid of the markings in the target cross and simple conversion of the values read off from centimetres to metres.
- Self-levelling of the target line
- Practical mirror for simple alignment using round level
- Measuring range can be clearly pinpointed thanks to target laser



### TECHNICAL DATA

<b>Standard Deviation</b>	1,0 mm / km
<b>Magnification Telescope</b>	32 x
<b>Minimum Telescope Target Distance</b>	0.5 m
<b>Telescope Lens Aperture</b>	40 mm
<b>Telescope Field of Vision</b>	1° 20'
<b>Damping of Compensator</b>	Air damping
<b>Compensator Operating Range</b>	± 15'
<b>Compensator Accuracy</b>	0,3"
<b>Compensation Time</b>	< 2 s
<b>Graduation / Horizontal Circle</b>	360°-horizontal circle - 1°
<b>Accuracy Levelling Bubble</b>	8' / 2 mm
<b>Tripod Connection</b>	5/8" thread
<b>Protection Class</b>	IP 64
<b>Operating Conditions</b>	-20°C ... 50°C, max. humidity 80% rH, no condensation, max. working altitude 4000 m above sea level
<b>Storage Conditions</b>	-30°C ... 60°C, max. humidity 80% rH
<b>Dimensions (W x H x D)</b>	190 mm x 145 mm x 135 mm x (without accessories)
<b>Weight</b>	1400 g

