

# Automatic Levelling Instruments



# AUTOMATIC LEVELLING INSTRUMENTS

Levelling instruments are used for special tasks on large building sites. They work like a precision telescope, with an artificial target line generated at a specified height - the horizontal reference. An automatic leveller automatically adjusts the target line in the horizontal plane.



Horizontal circle with endless vernier adjustment for precise targeting.



Practical, adjustable fold-up mirror for simple alignment with a circular spirit level.



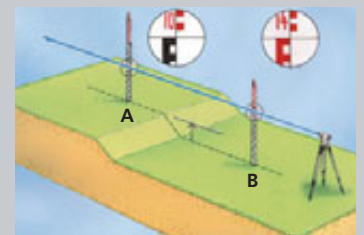
Long-distance scale with E graduation



The 165 cm tall, ball-head tripod allows an AL 26 to be aligned rapidly.

## Measuring with level

To determine the height difference in the example shown here, the levelling staff is first set up at Point A. The optical system of the level has automatically aligned itself horizontally. With the help of the optical sight marking, it is now possible to read off the distance between Point A and the sight line shown in blue. The staff can now be positioned at any Point B, and the second measuring point read off through the sight.



## Calculation of height difference

Height A - Height B = Height difference H

Practical universal devices

Automatic Optical Level 22 Classic



**Robust, reliable levelling instrument with bright, high-performance lenses**

- Practical quick target finder
- Magnetically damped compensator
- Magnification 22 x
- Standard deviation 2,5 mm / km
- 360° horizontal circle, 400 gon on request
- The cross hair can be calibrated in all directions due to high quality 2 axis.
- With transport securing device

**Inclusive:** AL 22, plumb bob, allen wrench, calibration needle, carrying case with strap

ORDER NO.	EAN-CODE	PU
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HARD

Automatic Optical Level 22 Classic set



Levelling set with tripod and levelling staff



Inclusive



**Inclusive:** AL 22 Classic, aluminium lightweight tripod 165 cm, telescopic levelling staff 4 m

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HARD

Automatic Optical Level 26 Classic



**Robust, reliable levelling instrument with bright, high-performance lenses**

- Practical quick target finder
- Magnetically damped compensator
- Magnification 26 x
- Standard deviation 1,5 mm / km
- 360° horizontal circle, 400 gon on request
- The cross hair can be calibrated in all directions due to high quality 2 axis.
- With transport securing device

**Inclusive:** AL 26, plumb bob, allen wrench, calibration needle, carrying case with strap

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HARD

Automatic Optical Level 26 Classic set



Levelling set with tripod and levelling staff



Inclusive



**Inclusive:** AL 26 Classic, ball-head tripod 165 cm, telescopic levelling staff 5 m

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