GFE 32 und GFE 32-L
Engineers' Automatic Level

TECHNICAL DATA	ENGINEERS' AUTOMATIC LEVEL GFE 32, 360°	ENGINEERS' AUTOMATIC LEVEL GFE 32-L, 360°
ART.-NO.	210332	210333
Magnification	32 x	32 x
Clear objective aperture	45 mm	45 mm
Field of view	1°	1°
Shortest focussing distance	2 m	2 m
Mean error per 1 km double run levelling	±2 mm	±2 mm
using index reference mark	< 1 mm	< 1 mm
Multiplication constant	100	100
Working range of compensator	±15'	±15'
Levelling accuracy compensator	2"	2"
Circular bubble	8' / 2 mm	8' / 2mm
Horizontal circle	360°	360°
Dust / water protection	IP 54	IP 54
Weight	2.5 kg	2.7 kg
Dimensions	280 x 160 x 140mm	280 x 160 x 140 mm
Temperature range	-25 °C to +50 °C	-25 °C to +50 °C
Laser beam switchable/class	—	635 – 670 nm / 2
Beam diameter	—	2 mm
Laser working range	—	120 m (during day)
	—	300 m (twilight)
Deviation	—	5"
Operating time / power supply	—	8 h / 2 x AAA
Laser filter for eyepiece	—	yes

FEATURES

· Robust and temperature insensitive
· Highly accurate and free moving vertical axis
· Separate horizontal clamp
· Accurate tangent screw movement and focusing drive without backlash
· Optical sighting device
· Excellent image quality
· Service-friendly due to simple construction

GFE 32-L with laser pointer
· Coaxial, focusable laser beam integrated into the telescope optics
· For advanced applications or one-person use
· Compensator function device displayed within the telescope field of view
· Height differeces visible, optically
· Working in low light conditions (twilight, dark rooms)

SUPPLIED WITH

· Container
· Adjustment pin
· Screwdriver
· Dust brush
· Plumb bob