

GFE 32 und GFE 32-L Engineers' Automatic Level



TECHNICAL DATA	ENGINEERS' AUTOMATIC LEVEL GFE 32, 360°	ENGINEERS' AUTOMATIC LEVEL GFE 32-L, 360°	FEATURES	SUPPLIED WITH
ART.-NO.	210332	210333		
Magnification	32 x	32 x	<ul style="list-style-type: none"> · 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 <p>GFE 32-L with laser pointer</p> <ul style="list-style-type: none"> · 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 differences visible, optically · Working in low light conditions (twilight, dark rooms) 	<ul style="list-style-type: none"> · Container · Adjustment pin · Screwdriver · Dust brush · Plumb bob
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 using index reference mark	±2 mm < 1 mm	±2 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		