

ACCURACY

Height Accuracy	0.7 mm/km
Distant accuracy	$D < 10\text{m}, 10\text{mm} \mid D \geq 10\text{m}, 0.001 \times D$

SYSTEMS

Maximum Range	105 m
Minimum Range	2 m
Single measurement speed	< 3 sec.
Minimum Lighting Condition	20 Lux
Minimum field of view	> 50 %

DISPLAY

Minimum resolution (Ht)	0.1 mm
Minimum resolution (Dist)	1 mm

TELESCOPE

Magnification	24 x
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COMPENSATOR

Range	+10'
Setting accuracy	+0.35

COMMUNICATION

Internal Memory	2000 measurements
Interface	RS 232

ENVIRONMENTAL CONDITIONS

Operating / Storage Temperature	-10° C - +50° C / - 40° C +70° C
Protection to dust and water	IP55

WEIGHT

Weight including battery	< 2.5 kg
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BATTERY

AA dry cells (4XLR6 / AA 1.5)	
1800 mAh / 2300 mAh	14/16 hours continuous measurement

Specifications subject to change without notice

¹ Fibreglass high accuracy staff. For high precision measurement campaigns we offer a one section 3 m fibreglass staff; 0.7 mm standard deviation for 1 km double-run levelling, front: code, reverse: graduated.

² Telescopic standard staff. For all your standard leveling activities we offer the flexible 4 sectional 5 m aluminum staff; 2.0 mm standard deviation for 1 km double-run levelling, front: code, reverse: graduated.

