

REPLACE TRADITIONAL OPTICAL AUTOLEVELS

STONEX D1 digital autolevel is the recommended leveling instrument for contractors, builders, professionals land surveyors and Engineers who demand accurate leveling every time.

The accuracy of ± 1.5 mm on a base of 1 Km – double run - makes STONEX D1 the perfect equipment for the 3rd order leveling and for construction industry. Faster automatic measurements – difference in height and distance - are digitally determined: the fully electronic measurement results appear in the clearly visible display window after about 2 seconds.

ERROR FREE MEASUREMENTS IMPROVE THE QUALITY OF YOUR FIELD WORKS

The fully automatic measuring ability and digital display excludes any reading errors and other possible human-made errors. Combined to the the increased productivity, up to 50% compared to the performances of a traditional optical level, with all leveling work carried out automatically, will greatly improve your professionalism and profits.

FAST, FRIENDLY, SMART

You're only required to get the bubble within the black circle on the bubble vial, from there the STONEX D1 automatic compensator takes over and precisely levels itself. Just press the Easy one-touch operation key, and get instantly ΔH and HD, displayed on the LCS display. Using STONEX D1 as distance meter you can get measurements up to 80 m. STONEX D1 features the IP54 certification, it means safe works even in harsh weather conditions. The onboard adjustment program, height difference calculation, inverse staff measuring mode and error checking enable the user to execute the complete calculations set directly in the field.

POWERFUL & ACCURATE

Up to 80 m distance measuring range, 1.5 mm in height accuracy

FRIENDLY & SMART

Easy one-touch operation button, automatic compensator, complete software on board

RESISTANT

Water and dust protected with IP54 certification

KEY FEATURES

Accuracy	
Std. Dev. (1 km double run - ISO 17123-2)	+/- 1.5mm
Optical measurement	+/- 1.5mm
Distance measurement	D>10m : $\pm 0.2\% \times D$; D<10 m: 1.5 mm
Electronic measurement	
Time for single measurement	<2 s
Range	2-80 m
Measurement modes	Single, tracking
Display resolution(m/inch selectable)	
Height	1 mm/0.01 ft
Distance	10 mm/0.1.ft
Telescope	
Clear objective aperture	45mm
Magnification	28X
Field of view at 100m	2.6m
Shortest focus distance	0.8m
Automatic compensator	
Working range	15'
Setting accuracy	$\pm 0.4''$
Power	
Battery	2000mAh/7.4V Ni-MH rechargeable
Continuous operation time	Approx. 40 hours
Measurement programs	
On-board programs	ΔH , inverse staff measurement, error checking and adjustment
Others	
Display	Segment display
Keyboard	6 keys
Sensitivity of circular level	8' /2mm
Water and dust protection	IP54
Operating Temp	-20°C- +50°C
Net Weight	2 Kg
Included accessories	Case, manual, 5 M telescopic barcode staff

Specifications subject to change without notice

STONEX AUTHORIZED DEALER

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