

STONEX D2 DIGITAL LEVEL



Quick, Easy & Error-free

The super fast measurement speed of less than 3 sec. in combination with the simplicity of the one-push measure and store functionality provides faster, more economical workflow. Digital reading combined with internal memory make miss-readings and operator interpretation errors a thing of the past.

Accurate

Extensive field tests verify the excellent accuracy of the D2 of 0.7 mm for 1 km double-run level. This makes the D2 an ideal level not only for high order levelling but also deformation measurements and precise surveying, as well as general construction.

Leave the Calculator in your pocket

The onboard adjustment program, height difference calculation, inverse staff measuring mode, in combination with various measuring configurations enable you to execute all calculation with the D2.

Large Internal Memory

To further enhance your levelling, memory for up to 2'000 points is integrated in the D2.

Built for all conditions

The high quality optical system of the D2 in combination with its proven algorithms ensures operation in all conditions, including low light and bright sunshine.

Seamless dataflow

The data recorded on the job site can be simply downloaded by connecting the D2 with a PC or laptop. Seamless dataflow from field to finish is guaranteed.

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Accessories and Technical Data



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.

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.

Technical features	STONEX D2 DIGITAL LEVEL
Accuracy	
Height accuracy	± 0.7 mm/km
Distance accuracy	D < 10 m, 10 mm D \geq 10 m, 0.001 x 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
Compensator	
Range	$\pm 10'$
Setting accuracy	$\pm 0.35''$
Communication	
Internal memory	2'000 measurements
Interface	RS232
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
Battery	
AA dry cells (4XLR6 / AA 1.5V)	
1800mAh / 2300mAh	14 / 16 hours continuous measurement

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