



# 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
<b>Accuracy</b>	
Height accuracy	$\pm 0.7$ mm/km
Distance accuracy	D < 10 m, 10 mm   D $\geq$ 10 m, 0.001 x D
<b>Systems</b>	
Maximum Range	105 m
Minimum Range	2 m
Single measurement speed	< 3 sec.
Minimum lighting condition	20 Lux
Minimum field of view	$\geq 50$ %
<b>Display</b>	
Minimum resolution (Ht)	0.1 mm
Minimum resolution (Dist)	1 mm
<b>Telescope</b>	
Magnification	24 x
<b>Compensator</b>	
Range	$\pm 10'$
Setting accuracy	$\pm 0.35''$
<b>Communication</b>	
Internal memory	2'000 measurements
Interface	RS232
<b>Environmental conditions</b>	
Operating / Storage Temperature	-10° C ~ +50° C / -40° C ~ +70° C
Protection to dust and water	IP55
<b>Weight</b>	
Weight including battery	< 2.5 kg
<b>Battery</b>	
AA dry cells (4XLR6 / AA 1.5V)	
1800mAh / 2300mAh	14 / 16 hours continuous measurement

