

## D2 DIGITAL LEVEL FAST, ACCURATE, SMART



High accuracy (0.7 mm/Km) and internal memory to store up to 2000 measurements

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.

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.

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.

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

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.

### **CAPACITY**

Internal memory can store up to 2000 measures

### **EASY DATA**

Measures are downloaded on a computer by an RS232 serial port

### **LIGHT WEIGHT**

Light weight and easy to transport

### **POWERFUL**

Long operation time: up to 16 hours of operation on field with one battery

### **RESISTANT**

Water and dust protected (IP55)

## **KEY FEATURES**

## ACCURACY

Height Accuracy	0.7 mm/km
Distant accuracy	D<10m,10mm  D _ 10m,0.001xD

## 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

<sup>1</sup> 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.

<sup>2</sup> 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.



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