

Product Data Sheet

Leica DISTO™ D2

Features



- Range up to 150 m
- ± 1.5 mm accuracy, 0.1 mm resolution
- Area (rectangular and triangular), Volume and Pythagoras function
- Inclination sensor
- Smart Horizontal Mode
- Foldable end-piece with automatic detection
- Memory for 30 measurements
- Up to 7'000 measurements with 2 x AAA batteries
- Bluetooth® 6.0 technology for error-free data transfer
- NFC technology for enhanced connectivity
- Works with DISTO™ Plan App (iOS and Android) and DISTO™ transfer (Windows)

Technical data

	Leica DISTO™ D2
Accuracy with favourable conditions *	1.5 mm / 0.06" ***
Accuracy with unfavourable conditions **	3 mm / 0.12" ***
Range with favourable conditions *	0.05 – 150 m / 0.16 – 500 ft ***
Range with unfavourable conditions **	0.05 – 80 m / 0.16 – 260 ft ***
Accuracy and Range according to ISO 16331-1	yes
Smallest unit displayed	0.1 mm / 1/32 in
Tilt measuring range	360°
Tilt measuring tolerance****	$\pm 0.2^\circ$
Laser class	2
Laser type	635 nm, <1 mW
$\varnothing$ laser point at distances	6 / 30 / 60 mm 10 / 50 / 100 m
Protection class	IP54 (dust- and splash water protected)
Auto. laser switch off after	90 s
Auto. power switch off after	180 s
Bluetooth®	Bluetooth® v6.0
Range of Bluetooth®	up to 10 m
Battery durability (2 x AAA)	up to 7'000 measurements up to 14 hours operation time
Dimension (L x W x H)	127 x 50.5 x 24.5 mm 5.00 x 1.99 x 0.96 in
Weight (with batteries)	116 g / 4.09 oz
Temperature range storage operation	-25 to 70°C / -13 to 158°F -10 to 50°C / 14 to 122°F

* favourable conditions: white and diffuse reflecting target (white painted wall), low background illumination and moderate temperatures.

** unfavourable conditions: targets with lower or higher reflectivity or high background illumination or temperatures at the upper or lower end of the specified temperature range.

*** Tolerances apply from 0.05 m to 10 m with a confidence level of 95%. Above 10 m the tolerance may deteriorate according to the values given in the manual of the unit.

**** After user calibration. Additional angle related deviations are according to the values given in the manual of the unit.

Functions

Distance measuring	Area	Timer
Min/Max measuring	Triangle area / room angle	Illuminated inverted display
Permanent measuring	Volume	Automatic multifunctional endpiece
Stake out	Painter function (area with partial measurement)	Bluetooth®
Addition/Subtraction	Pythagoras 3-point	NFC®
Smart Horizontal Mode	Memory 30 results	Smart Room
Level	Beep	

- when it has to be **right**

Leica
Geosystems