

Product Data Sheet

Leica DISTO™ D5

Features



- Range up to 200 m
- ± 1.0 mm accuracy, 0.1 mm resolution
- Measuring slopes
- Smart Horizontal mode
- Fast Start-up time – ready in under 1 second
- Foldable end-piece with automatic detection
- Bright and clear 2.4" IPS display with scratch-proof lens
- Trigger measurements with gestures
- Memory for 50 measurements
- Li-Ion rechargeable battery
- USB-C charging
- Keyboard simulating data-transfer via Bluetooth®
- Bluetooth® 5.0 Technology for error-free data transfer
- Works with DISTO™ Plan App (iOS and Android) and DISTO™ transfer (Windows)

Technical data

	Leica DISTO™ D5
Accuracy with favourable conditions *	1.0 mm / 0.04" ***
Accuracy with unfavourable conditions **	2.0 mm / 0.08" ***
Range with favourable conditions *	0.05 – 200 m / 0.16 – 660 ft ***
Range with unfavourable conditions **	0.05 – 120 m / 0.16 – 400 ft ***
Accuracy and Range according to ISO 16331-1	yes
Smallest unit displayed	0.1 mm / 1/32"
X-Range Power Technology	yes
Laser	Class 2, 635 nm, <1 mW
Digital Pointfinder with 4-fold zoom	yes
Tilt measuring range ****	360°
Tilt measuring tolerance	$\pm 0.2^\circ$
Ø 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® Smart	Bluetooth® v5.0
Range of Bluetooth® Smart	up to 10 m
Battery durability (Li-Ion 2 000 mAh)	up to 5'000 measurements up to 10 hours operation time
Dimension (L x W x H)	144 x 60 x 24 mm 5.7 x 2.4 x 0.9 in
Weight	180 g / 6.35 oz
Temperature range storage operation	-25 to 70°C / -13 to 158°F -10 to 55°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 deviation are according to the values given in the manual of the unit.

Functions

Distance measuring	Painter function (area with partial meas.)	Display content rotating
Min/Max measuring	Pythagoras (3-point)	Bluetooth® Smart
Permanent measuring	Smart Horizontal Mode / Indirect height tracking	Personalized favourites
Stake out	Profile measuring	Timer
Addition / subtraction	Sloped objects	Beep
Area	Level	Illuminated colour display
Triangle area / room angle	Gesture Control	Automatic multifunctional endpiece
Volume	Memory	Smart Room *

* in combination with DISTO™ Plan App (in-App purchase)

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Leica DISTO™ D5 Package
Art. No. 950879

Leica DISTO™ D5, Pouch, Charger with Cable, Hand Loop, FTA 360 Adapter, TRI 75 Tripod, Quick Start Guide, Warranty card, Safety Manual, Calibration Certificate Silver

Art. No. 799301
Art. No. 969877
Art. No. 979672
Art. No. 979673
Art. No. 969879
Art. No. 757938
Art. No. 778359
Art. No. 838704
Art. No. 723385
Art. No. 766560
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A circular logo with a large number '3' in the center. The words '3 YEARS' are written along the top arc and 'WARRANTY' along the bottom arc. Two curved arrows point from the bottom towards the top, framing the central '3'.

Register your product within 8 weeks of purchase at www.disto.com/warranty and benefit from our 3-year warranty, respectively 2-years warranty on Li-Ion batteries.



in accordance with IEC 60825-1

- when it has to be **right**

Leica
Geosystems