

# 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 / 1/16" ***
Accuracy with unfavourable conditions **	2.0 mm / 1/8" ***
Range with favourable conditions *	0.05 – 200 m / 0.07 – 660 ft ***
Range with unfavourable conditions **	0.05 – 120 m / 0.07 – 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	± 0.2°
∅ 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 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 5 m with a confidence level of 95%. Above 5 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)

## Scope of Delivery



Leica DISTO™ D5  
Art. No. 950908

Leica DISTO™ D5, Pouch, USB-C to USB-A Cable, Hand Loop, Quick Start Guide, Warranty card, Safety Manual, Calibration Certificate Silver



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

## Accessory

FTA 360 adapter with fine drive

Art. No. 799301

USB charger with USB-C cable

Art. No. 969877

Adapter plate metaBox to other systems

Art. No. 979672

Mounting plate for metaBox

Art. No. 979673

Set of 5 pcs. USB-C caps for DISTO D5

Art. No. 969879

TRI 100 universal tripod

Art. No. 757938

TA 360 metal aiming adapter

Art. No. 778359

LSA 360-S pole adapter

Art. No. 838704

GZM 26 target plate for long distances

Art. No. 723385

GZM 30 set-up target plate 274 x 197 mm

Art. No. 766560

TPD 100 kit – targeting pole

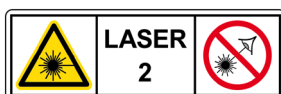
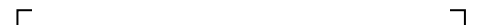
Art. No. 6012352

## Extended Warranty



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

Dealer Stamp



in accordance with IEC 60825-1



Illustrations, descriptions and technical specifications are subject to change without prior notice. (V 1.0)  
Copyright © Leica Geosystems AG, Heerbrugg, Switzerland, 2023.

Leica Geosystems AG  
Heerbrugg, Switzerland  
[www.leica-geosystems.com](http://www.leica-geosystems.com)

- when it has to be **right**

**Leica**  
Geosystems