

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	$\pm 0.2^\circ$
\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® 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)

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.distocom/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

- when it has to be **right**

leica
Geosystems