



Leica Disto D5 Distance Meter

Designed for versatility in outdoor conditions



The Leica DISTO D5 is particularly suitable for distance measurements in outdoor areas. Due to the digital Pointfinder, aiming is no problem even in sunshine and at very long distances. Both the target and the measurement results can be seen very clearly on the large display with IPS technology.

For maximum accuracy, the measurement can be triggered by gestures, which is a distinct advantage, especially over long distances. High flexibility is offered by various functions, such as Smart Horizontal Mode, height tracking, profile or angle measurements.

This means that any measurement situation on the construction site can be solved quickly and efficiently. The data can then be transferred to the DISTO Plan app or individual templates, e.g. in Excel, and processed further to support an efficient and error-free digital workflow.

Product 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 Specification

Description	Leica DISTO D5
Accuracy with favourable conditions *	1.0 mm ***
Accuracy with unfavourable conditions **	2.0 mm ***
Range with favourable conditions *	0.05 – 200 m ***
Range with unfavourable conditions **	0.05 – 120 m ***
Accuracy and Range according to ISO 16331-1	Yes
Smallest unit displayed	0.1 mm
X-Range Power Technology	Yes
Laser	Class 2, 635 nm,
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 5000 measurements, up to 10 hours operation time
Dimension (L x W x H)	144 x 60 x 24 mm
Weight	180 g
Temperature range storage operation	-25 to 70°C -10 to 50°C
Accuracy with favourable conditions *	1.0 mm ***

* 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.

Packing List

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

