

Product Data Sheet

Leica DISTO™ D510

Features



- Range up to 200 m
- ± 1.0 mm accuracy, 0.1 mm resolution
- X-Range Power Technology
- Profile measurement
- Measuring slopes
- Foldable end-piece with automatic detection
- Memory for 30 measurements
- Up to 5'000 measurements with 2 x AA batteries
- Bluetooth® Technology for error-free data transfer
- Works with DISTO™ Plan App (iOS and Android) and DISTO™ transfer (Windows)

Technical data

	Leica DISTO™ D510
Accuracy with favourable conditions *	1.0 mm / 1/16" ***
Accuracy with unfavourable conditions **	2 mm / 1/8" ***
Range with favourable conditions *	0.05 – 200 m / 0.16 – 660 ft ***
Range with unfavourable conditions **	0.05 – 80 m / 0.16 – 260 ft ***
Smallest unit displayed	0.1 mm / 1/32 in
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	IP65 (dust tight and jet water protected)
Auto. laser switch off after	90 s
Auto. power switch off after	180 s
Bluetooth® Smart	Bluetooth® v4.0
Range of Bluetooth® Smart	up to 10 m
Battery durability (2 x AA)	up to 5'000 measurements up to 10 hours operation time
Dimension (H x D x W)	143 x 58 x 29 mm 5.6 x 2.28 x 1.14 in
Weight (with batteries)	198 g / 6.37 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.)	Bluetooth® Smart
Min/Max measuring	Pythagoras (2-point, 3-point, partial)	Personalized favourites
Permanent measuring	Smart Horizontal Mode / Indirect height tracking	Timer
Stake out	Profile measuring	Beep
Addition / subtraction	Trapezoid measurement	Illuminated colour display
Area	Sloped objects	Automatic multifunctional endpiece
Triangle area / room angle	Level	
Volume	Memory	
Calculator		

Scope of Delivery



Leica DISTO™ D510

Art. No. 792290

Art. No. 792320 for U.S.

Art. No. 792319 for Japan

Leica DISTO™ D510, pouch, hand loop, 2 x AA batteries, Calibration Certificate Silver, quick start guide



Leica DISTO™ D510 package

Art. No. 823199

Leica DISTO™ D510, pouch, hand loop, 2 x AA batteries, TRI 70 tripod, FTA 360 adapter, hard case, Calibration Certificate Silver, quick start guide

Accessory

TRI 100 universal tripod

FTA 360 aiming adapter with fine drive

TA 360 aiming adapter metal

LSA 360-S pole adapter

GZM 26 target plate for long distances

GZM 30 set-up target plate 274 x 197 mm

TPD 100 kit – targeting pole

Powerline Charger incl. 4 AA-cells

Art. No. 757938

Art. No. 799301

Art. No. 778359

Art. No. 838704

Art. No. 723385

Art. No. 766560

Art. No. 6012352

Art. No. 806679

Extended Warranty



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.

Dealer Stamp



in accordance with IEC 60825-1



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- when it has to be **right**

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