

# 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](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

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- when it has to be **right**

