

Product Data Sheet

Leica DISTO™ S910

Features



- Range up to 300 m
- ± 1.0 mm accuracy, 0.1 mm resolution
- X-Range Power Technology
- Integrated P2P sensors
- CAD data capturing (DXF) incl. photos
- Precise liquid inclination sensor
- Bright and clear 3.2" touchscreen
- Li-Ion rechargeable batteries
- USB charging and download of data
- Bluetooth® Technology for error-free data transfer
- Wi-Fi technology for P2P data transfer
- Works with DISTO™ Plan App (iOS and Android) and DISTO™ transfer (Windows)

Technical data

	Leica DISTO™ S910
Accuracy with favourable conditions *	1.0 mm / 0.04 in ***
Accuracy with unfavourable conditions **	2.0 mm / 0.08 in ***
Range with favourable conditions *	0.05 – 300 m / 0.16 – 1000 ft ***
Range with unfavourable conditions **	0.05 – 150 m / 0.16 – 492 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 4x zoom and overview camera	yes
Tilt measuring range ****	360°
Tilt measuring tolerance	± 0.1°
∅ laser point at distances	6 / 30 / 60 mm 10 / 50 / 100 m
Measuring range for P2P measuring horizontal	360°
Measuring range for P2P measuring vertical	-40° to 80°
Tolerance P2P function at distances	± 2 mm / 2 m ± 5 mm / 5 m ± 10 mm / 10 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® v4.0
Range of Bluetooth® Smart	up to 10 m
Range of Wi-Fi	up to 10 m
Battery durability (Li-Ion 2600 mAh)	up to 4'000 measurements up to 8 hours operation time
Dimension (H x D x W)	164 x 61 x 32 mm 6.5 x 2.4 x 1.3 in
Weight (with batteries)	291 g / 10.2 oz
Temperature range storage operation	-25 to 60°C / -13 to 140°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	P2P DXF data capture (20 files with 30 points)	Memory
Min/Max measuring	Calculator	Bluetooth® Smart (incl. keyboard mode)
Permanent measuring	Measure in picture (width, diameter, area)	Wi-Fi for P2P Data
Stake out	Painter function (area with partial meas.)	Personalized favourites
Addition / subtraction	Pythagoras (2-point, 3-point, partial)	Timer
Area	Smart Horizontal Mode / indirect height tracking	Beep
Triangle area / room angle	Profile measuring	Illuminated colour display
Volume	Trapezoid measurement	Compass (orientation only)
P2P Distance	Sloped objects	Screenshots (80)
P2P Smart Area	Level	Camera (800 x 600)
P2P Smart Angle		

Scope of Delivery



Leica DISTO™ S910
Art. No. 805080
Art. No. 808183 for U.S.

Leica DISTO™ S910, pouch, adapter for corner measurement, set-up plate for Smart Base, hand loop, USB charger, Calibration Certificate Silver, quick start guide



Leica DISTO™ S910 P2P package
Art. No. 887900

Leica DISTO™ S910, pouch, adapter for corner measurement, set-up plate for Smart Base, hand loop, USB charger, TRI 70 tripod, FTA 360-S adapter, hard case, GZM 3 target plate, Calibration Certificate Silver, quick start guide

Accessory

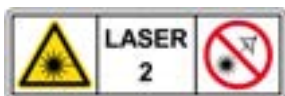
TRI 100 universal tripod	Art. No. 757938
FTA 360-S aiming adapter with fine drive	Art. No. 828414
LSA 360-S pole adapter	Art. No. 838704
GZM 26 target plate for long distances	Art. No. 723385
GZM 30 set-up target plate 274 x 197 mm	Art. No. 766560
GZM 3 target plate for templating	Art. No. 820943
TPD 100 kit – targeting pole	Art. No. 6012352

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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Leica Geosystems AG
Heerbrugg, Switzerland
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- when it has to be **right**

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