

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° | |
| ø 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.

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- when it has to be right

^{**} 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 Min/Max measuring Permanent measuring

Stake out

Addition / subtraction

Area

Triangle area / room angle Volume P2P Distance

P2P DXF data capture (20 files with 30 points)

Calculator

Measure in picture (width, diameter, area) Painter function (area with partial meas. Pythagoras (2-point, 3-point, partial)

Smart Horizontal Mode / indirect height tracking Profile measuring Trapezoid measurement

Sloped objects Level

Memory

Bluetooth® Smart (incl. keyboard mode)

Wi-Fi for P2P Data Personalized favourites

Timer

Веер

Illuminated colour display Compass (orientation only)

Screenshots (80) Camera (800 x 600)

Scope of Delivery

P2P Smart Area

P2P Smart Angle



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

Leica DISTO™ S910, pouch, adapter for corner measurement, setup 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

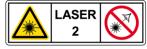


Register your product within 8 weeks of purchase at www.disto.com/warranty and benefit from our 3-year warranty, respectively 2-years warranty on Li-Ion batteries.

Dealer Stamp

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in accordance with IEC 60825-1

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