

Product Data Sheet

Leica DISTO™ X3

Leica DISTO™ X3 P2P-Package

Features



- Range up to 150 m
- ± 1.0mm accuracy, 0.1 mm resolution
- Robust according to IP65
- Automatic end-piece with 5 cm length
- Drop tested from 2 m height
- Inclination sensor
- Graphical user interface for intuitive usage
- Bluetooth® technology for error-free data transfer
- Works with DISTO™ Plan App (iOS, Android) and DISTO™ transfer (Windows)
- Keyboard simulating data-transfer via Bluetooth®
- P2P measuring with DST 360 adapter

Technical data

| | Leica DISTO™ X3 | Leica DISTO™ X3 P2P Package |
|---|--|--|
| Accuracy with favourable conditions * | | 1.0 mm / 0.04" *** |
| Accuracy with unfavourable conditions ** | | 2.0 mm / 0.08" *** |
| Range with favourable conditions * | | 0.05 – 150 m / 0.16 – 500 ft *** |
| Range with unfavourable conditions ** | | 0.05 – 80 m / 0.16 – 260 ft *** |
| Accuracy and Range according to ISO 16331-1 | | yes |
| Smallest unit displayed | | 0.1 mm / 1/32 in |
| X-Range Power Technology | | yes |
| Tilt measuring range **** | | 360° |
| Tilt measuring tolerance | | ± 0.2° |
| Laser | | class 2, 635 nm, <1 mW |
| Measuring range with Leica DST 360 horizontal | - | 360° |
| Measuring range with Leica DST 360 vertical | - | -64° to >90° |
| Tolerance P2P function at distances | - | ± 2 mm / 2 m ± 5 mm / 5 m ± 10 mm / 10 m |
| ∅ laser point at distances | | 6 / 30 / 60 mm 10 / 50 / 100 m |
| Protection class | IP65 (dust tight and jet water protected) Drop tested from 2 m height | |
| 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 4'000 measurements up to 8 hours operation time |
| Dimension (L x W x H) | 132 x 56 x 29 mm 5.2 x 2.2 x 1.1 in | 208 x 170 x 150 mm 8.2 x 6.7 x 5.9 in |
| Weight (with batteries) | 188 g / 6.63 oz | 1470 g / 51.9 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.) | Display content rotating |
| Min/Max measuring | Pythagoras 3-point | Bluetooth® Smart (incl. keyboard mode) |
| Permanent measuring | Smart Horizontal Mode / Indirect height | Personalized Favourites |
| Stake out | Level | Timer |
| Addition/Subtraction | Memory | Point to point function/ distance* |
| Area | Beep | Smart Area* |
| Room angle / Triangle area | Illuminated colour display | Smart Room** |
| Volume | Automatic multifunctional endpiece | |

* In combination with Leica DST 360 adapter

** In combination with DISTO™ Plan App (in-App purchase)

Scope of Delivery



Leica DISTO™ X3
 Art. No. 850833
 Art. No. 850834 for U.S.
 Art. No. 850835 for Japan

Leica DISTO™ X3, pouch, hand loop, 2 x AA batteries, Calibration Certificate Silver, quick start guide



Leica DISTO™ X3 P2P-Package
 Art. No. 887687

Leica DISTO™ X3, pouch, hand loop, 2 x AA batteries, DST 360 P2P-adaptor, TRI 120 tripod, hard case, Calibration Certificate Silver, quick start guides

Accessory

TRI 100 universal tripod
 FTA 360 aiming adapter
 DST 360 P2P-adaptor
 DST 360 P2P-adaptor and TRI 120 tripod in robust case
 GZM 26 target plate for long distances
 GZM 3 target plate for templating
 Powerline charger incl. 4 AA-cells

Art. No. 757938
 Art. No. 799301
 Art. No. 864982
 Art. No. 848783
 Art. No. 723385
 Art. No. 820943
 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



Illustrations, descriptions and technical specifications are subject to change without prior notice. (V 1.0)
 Copyright© Leica Geosystems AG, Heerbrugg, Switzerland, 2022.

Leica Geosystems AG
 Heerbrugg, Switzerland
www.leica-geosystems.com

- when it has to be **right**

