

Product Data Sheet

Leica DISTO™ X6

Features



- Range up to 250 m
- ± 1.0 mm accuracy, 0.1 mm resolution
- Fast Start-up time – ready in under 1 second
- Bright and clear 2.8" IPS touchscreen with scratch-proof lens
- DIST key on the side for even more intuitive measurements
- Robust according to IP65 and drop tested from 2 meters
- Trigger measurements with gestures
- Memory for 300 reports and 1'000 captured 3D points
- Li-Ion rechargeable battery
- USB-C charging and download of data
- Keyboard simulating data-transfer via Bluetooth®
- Bluetooth® 5.0 Technology for error-free data transfer
- Works with DISTO™ Plan App (iOS and Android) and DISTO™ transfer (Windows)
- P2P measuring with DST 360-X adapter

Technical data

| | Leica DISTO™ X6 | Leica DISTO™ X6 - P2P Package |
|---|--|--|
| Accuracy with favourable conditions * | | 1.0 mm *** |
| Accuracy with unfavourable conditions ** | | 2 mm *** |
| Range with favourable conditions * | | 0.05 – 250 m *** |
| Range with unfavourable conditions ** | | 0.05 – 150 m *** |
| Smallest unit displayed | | 0.1 mm |
| 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° |
| Measuring range with Leica DST 360 horizontal | - | 360° |
| Measuring range with Leica DST 360 vertical | - | -64° to >90° |
| Tolerance P2P function at distances | - | ± 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® v5.0 |
| Range of Bluetooth® Smart | | up to 10 m |
| Battery durability (Li-Ion 2 000 mAh) | | up to 4'000 measurements up to 8 hours operation time |
| Dimension (H x D x W) | 154 x 68 x 25 mm | 208 x 190 x 150 mm |
| Weight (with batteries) | 230 g | 1580 g |
| Temperature range storage operation | -25 to 70°C -10 to 50°C | |

* 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 | Smart Horizontal Mode / Indirect height tracking | Timer |
| Min/Max measuring | Profile measuring | Beep |
| Permanent measuring | Sloped objects | Illuminated colour display |
| Stake out | Level | Automatic multifunctional endpiece |
| Addition / subtraction | Gesture control | P2P Distance* |
| Area | Display content rotating | P2P Smart Area* |
| Triangle area / room angle | Bluetooth® Smart (incl. keyboard mode) | P2P Smart Angle* |
| Volume | Personalized favourites | P2P 3D Data Capturing (1'000 points)* |
| Measure in picture (width, diameter, area) | Memory for 1 000 measurements | P2P DXF data capture (300 reports)* |
| Painter function (area with partial meas.) | Smart Room** | P2L Distance* |

* in combination with Leica DST 360-X adapter

** in combination with DISTO Plan App

Scope of Delivery



Leica DISTO™ X6
Art. No. 950909

Leica DISTO™ X6, Pouch, USB-C to USB-A Cable, Hand Loop, Quick Start Guide, Warranty Card, Safety Manual, Calibration Certificate Silver



Leica DISTO™ X6 P2P-Package
Art. No. 950878

Leica DISTO™ X6 P2P Package, Pouch, Charger with Cable, Hand Loop, DST 360-X Adapter, TRI 120 Tripod, GZM 3 Target Plate, Quick Start Guide, Warranty Card, Safety Manual, Calibration Certificate Silver

Accessory

DST 360-X adapter

Art. No. 946095

USB charger with USB-C cable

Art. No. 969877

Adapter plate metaBox to other systems

Art. No. 979672

Mounting plate for metaBox

Art. No. 979673

Set of 5 pcs. USB-C caps for DISTO X6

Art. No. 969880

TRI 120 universal tripod

Art. No. 848788

GZM 26 target plate for long distances

Art. No. 723385

GZM 30 set-up target plate 274 x 197 mm

Art. No. 766560

TPD 100 kit – targeting pole

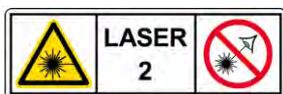
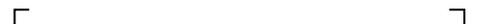
Art. No. 6012352

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



Illustrations, descriptions and technical specifications are subject to change without prior notice.
Copyright© Leica Geosystems AG, Heerbrugg, Switzerland, 2023.

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

- when it has to be **right**

Leica
Geosystems