

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

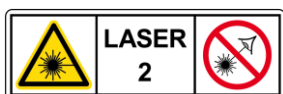
Extended Warranty



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.



1.800.561.8187

www.itm.com

information@itm.com