

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
Accuracy with favourable conditions *	1.0 mm / 1/16" ***
Accuracy with unfavourable conditions **	2.0 mm / 1/8" ***
Range with favourable conditions *	0.05 – 250 m / 0.07 – 820 ft ***
Range with unfavourable conditions **	0.05 – 150 m / 0.07 – 500 ft ***
Accuracy and Range according to ISO 16331-1	yes
Smallest unit displayed	0.1 mm / 1/32"
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°
∅ 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 (L x W x H)	155 x 68 x 25 mm
Weight	230 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



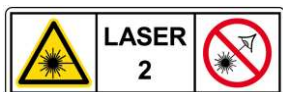
Accessory

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.



in accordance with IEC 60825-1

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