

# Product Data Sheet

## Leica DISTO™ X6

### Features



- Range up to 250 m
- $\pm 1.0$  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 / 0.04" ***	
Accuracy with unfavourable conditions **	2.0 mm / 0.08" ***	
Range with favourable conditions *	0.05 – 250 m / 0.16 – 820 ft ***	
Range with unfavourable conditions **	0.05 – 150 m / 0.16 – 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	$\pm 0.2^\circ$	
Measuring range with Leica DST 360 horizontal	-	360°
Measuring range with Leica DST 360 vertical	-	-64° to >90°
Tolerance P2P function at distances	-	$\pm 5$ mm / 5 m   $\pm 0.18$ in / 15 ft $\pm 10$ mm / 10 m   $\pm 0.36$ in / 30 ft
$\phi$ 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   6.1 x 2.68 x 0.98 in	208 x 190 x 150 mm   8.19 x 7.48 x 5.91 in
Weight	230 g   8.11 oz	1580 g   55.73 oz
Temperature range storage   operation	-25 to 70°C   -10 to 55°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 10 m with a confidence level of 95%. Above 10 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 DXF data capture (1'000 points)*
Volume	Personalized favourites	P2L Distance*
Measure in picture (width, diameter, area)	Memory for 300 measurements (reports)	
Painter function (area with partial meas.)	Smart Room**	

\* 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

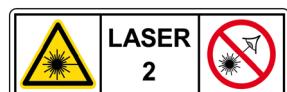
DST 360-X adapter	Art. No. 946095
USB charger with USB-C cable	Art. No. 969877
Adapter plate metaBox to other systems	Art. No. 979672
Mounting plate for metaBox	Art. No. 979673
Set of 5 pcs. USB-C caps for DISTO X6	Art. No. 969880
TRI 120 universal tripod	Art. No. 848788
GZM 26 target plate for long 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](http://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



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- when it has to be **right**

**leica**  
Geosystems