

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 / 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	± 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 ± 0.18 in / 15 ft ± 10 mm / 10 m ± 0.36 in / 30 ft
∅ 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.