

# Leica DISTO™ X3

Rugged design  
for tough conditions



**DISTO X3 features at a glance**

- 150m range**
- Measuring units (m, ft, in)**  
Clear illuminated screen
- Functions** - Area & volume, Painter, Smart Horizontal, Pythagoras, Stake-out, Height Tracking
- Multi-functional endpiece**  
Fits into corners for accurate diagonal measurements - 80% longer
- Waterproof - IP64**  
Dust & splash water protected
- Precise Laser Measuring**  
± 1.0 mm accuracy
- Tough Rubber Housing**  
2m drop tested  
Water jet & dust protected IP 65
- Bluetooth Smart**  
With FREE Apps
- Apple iPhone, Apple iPad & Apple iPad mini
- Bluetooth SMART
- Android

**DISTO X3 covered by 3 Year Extended Warranty**  
Find out more >>

## Technical data

General	
Accuracy with favourable conditions *	1 mm / 0.04" ***
Accuracy with unfavourable conditions **	2 mm / 0.08" ***
Range with favourable conditions *	0.05 - 150m / 0.16 - 500ft ***
Range with unfavourable conditions **	0.05 - 80m / 0.16 - 260ft ***
Smallest unit displayed	0.1 mm / 1/32 in
X-Range Power Technology	yes
Laser class	2
Laser type	635 nm, <1 mW
ø laser point   at distances	6/30/60 mm   10/ 50/ 100 m
Tilt measuring tolerance to laser beam ****	± 0.2°
Tilt measuring tolerance to housing ****	± 0.2°
Tilt measuring range ****	360°
Protection class	IP65 (dust- and splash water protected)
Auto. laser switch off	after 90 s
Auto. power switch off	after 180 s
Bluetooth® Smart	Bluetooth® v4.0
Power of Bluetooth® Smart	0.71 mW
Frequency of Bluetooth® Smart	2400 - 2483.5 MHz
Range of Bluetooth® Smart	<10m
Battery durability (2 x AA)	up to 4000 measurements
Dimension (H x D x W)	132 x 56 x 29 mm   5.2 x 2.2 x 1.1 in
Weight (with batteries)	184 g/ 6.49 oz
Temperature range Storage   Operation	-25 to 70°C/ -13 to 158°F   -10 to 50°C/ 14 to 122°F

\* favourable conditions are: white and diffuse reflecting target (white painted wall), low background illumination and moderate temperatures.  
 \*\* unfavourable conditions are: 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%.  
 With favourable conditions the tolerance may deteriorate by 0.10 mm/m for distances above 10 m.

With unfavourable conditions the tolerance may deteriorate by 0.15 mm/m for distances above 10 m.  
 \*\*\*\* after user calibration. Additional angle related deviation of ±0.01° per degree up to ±45° in each quadrant.  
 Applies at room temperature. For the whole operating temperature range the maximum deviation increases by ±0.1°.