

Which Leica DISTO™ is the right one for me?

	DXT	D2	D3a	D3a BT	D5	D8
Distance measurements including area, volume and continuous measurement	✓	✓	✓	✓	✓	✓
Addition and subtraction of distances, areas and volumes	✓	✓	✓	✓	✓	✓
Indirect height and distance measurement to inaccessible places	✓	✓	✓	✓	✓	✓
Automatic calculation of room dimensions e.g. wall and ceiling areas	✓		✓	✓	✓	✓
Measurement of tilts			± 45°	± 45°	± 45°	360°
Measure horizontal distances, even past obstacles			✓	✓	✓	✓
Target far-off objects in very bright conditions using the digital Pointfinder					✓	✓
Measurement of roof slopes and facade areas					✓	✓
Measure heights without a reflection point						✓
Determine spot heights and ground profiles						✓
Particularly robust, dust tight and protected against jets of water.	✓					
Data transmission by BLUETOOTH®				✓		✓
	Mainly indoors				In and outdoors	

Functions	DXT	D2	D3a	D3a BT	D5	D8
Smart Horizontal Mode™			•	•		
Min/max measurement	•	•	•	•	•	•
Continuous measurement	•	•	•	•	•	•
Addition/subtraction	•	•	•	•	•	•
Area/volume measurements	•	•	•	•	•	•
Pythagoras functions	•	•	•	•	•	•
Room dimensions	•		•	•	•	•
Horizontal distance					•	•
Trapezium measurements					•	•
Indirect measurements using tilt sensor						•
Technical Data	DXT	D2	D3a	D3a BT	D5	D8
Typical measuring accuracy	± 1.5 mm	± 1.5 mm	± 1.0 mm	± 1.0 mm	± 1.0 mm	± 1.0 mm
Range	0.05 – 70 m	0.05 – 60 m	0.05 – 100 m	0.05 – 100 m	0.05 – 200 m	0.05 – 200 m
Measuring units	m, ft, in				m, ft, in, yd	
Power Range Technology™			•	•	•	•
Distance in m Ø of the laser dot in mm	10, 50, 100 m 6, 30, 60 mm				10, 50, 100 m 6, 30, 60 mm	
Tilt sensor Measuring range Accuracy to the laser beam Accuracy to the housing			± 45° ± 0.3° ± 0.3°		± 45° ± 0.3° ± 0.3°	360° – 0.1°/+0.2° ± 0.1°
Units in the tilt sensor			0.0°, 0.0%		0.0°, 0.00% mm/m, in/ft	
4-fold digital viewfinder					•	•
Store constant values			1		1	
Recall last values	10	10	20		20	30
Time delay release (timer)		•	•	•	•	•
Display illumination	•	•	•	•	•	•
Free software				•		•
Data interface*				BLUETOOTH® (Class 2)		BLUETOOTH® (Class 2)
Measurements per set of batteries	up to 5,000	up to 5,000		up to 5,000**	up to 5,000	up to 5,000**
Multifunctional end-piece	automatic	manual	automatic	automatic	automatic	automatic
Tripod thread			•	•	•	•
Batteries	Typ AAA 2x1.5V				Typ AA 2x1.5V	
Protection class	IP65	IP 54			IP 54	
Dimensions	122 x 55 x 28 mm	111 x 42 x 23 mm	127 x 49 x 27.3 mm		143.5 x 55 x 30 mm	
Weight with batteries	159 g	90 g	149 g	150 g	195 g	205 g

*) System requirements and recommended Pocket PCs can be found under: www.disto.com

**) Reduced in BLUETOOTH® mode