

Leica DISTO D5-Your powerful partner for outdoors

Leica Disto D5 World's First: First laser distance meter with digital Point finder (4x zoom), large 2.4" color display and $\pm 45^\circ$ tilt sensor is now available!

The Leica DISTO™ D5 is designed with many functions and features to make measuring easier, particularly when you are working outdoors.

Description

- Digital Point finder with 4x zoom
- Large colour display screen (2.4 inches)
- Inclination measurement up to $\pm 45^\circ$
- Power Range Technology™
- Robust with IP 54

The Leica DISTO D5 is designed with many functions and features to make measuring easier, particularly when you are working outdoors. Its large, high resolution colour display presents the measurement results and additional information in an easy to read format. A wealth of functions helps you quickly and precisely to resolve almost any measurement situation. A robust housing gives optimum protection against splash water and dust.



Digital-Pointfinder

The integrated digital Point finder with a 4x zoom and 2.4" color display makes finding the target at long distances much easier. Its high resolution capability provides a sharp, crystal-clear image, which allows measurements to be taken even in glaring sunshine.

Tilt-sensor

Thanks to the in-built tilt sensor, you can quickly and simply measure tilts up to $\pm 45^\circ$. The tilt sensor also allows you to measure absolutely horizontally or measure past obstructions (horizontal distance).

Power-Range-Technology™

The integrated Power Range Technology™ allows you to measure long distances very simply. Measure up to 100 m without a target plate, and even up to 200 m using a target plate, without having to take a single step.

Spot-on-measurement

The laser makes it possible! The laser dot is clearly visible, therefore you always know exactly where you are measuring, which is especially useful in difficult to access places. So you can take absolutely precise measurements, even over long distances.

Details-displayed

The Leica Disto D5 having additional information about the measurements, e.g. room dimensions or angles, is available at the touch of a button.

Leica Disto D5 Delivery Package:

- Holster
- Hand loop
- 2 AA batteries
- Manual / safety instructions
- Producer certificate M in accordance with DIN 55350-18-4.2.2
- Quick start guide

- **Specification**

Features	Your advantages
Measuring range of 0.05 up to 200 m (0.16 ft up to 650 ft) typ. accuracy ± 1.0 mm (± 0.04 in)*	Precise, quick and reliable measurements
Digital Point finder with 4x zoom and high resolution color display	Convenient measuring to distant objects, even in strong sunlight
Power Range Technology™	Measure long distances, up to 100 m without and 200 m with a target plate
Tilt sensor	Measure vertical angles up to $\pm 45^\circ$ at the touch of a button
Horizontal distance measurement using the tilt sensor	It's no problem to determine distances despite obstructions
Trapezium function	Simple and quick measurement of roof slopes and facade areas
Pythagorean functions	Indirect height and width measurements at inaccessible positions
Detailed display	Additional measurement information available at a touch of a button, e.g. angle information

Comparisons

Functions	Interior				Exterior	
	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						•
Line Levelling						•
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		10, 50, 100 m			10, 50, 100 m	
Ø of the laser dot in mm		6, 30, 60 mm			6, 30, 60 mm	
Tilt sensor				± 45°	± 45°	360°
Measuring range				± 0.3°	± 0.3°	± 0.1°
Accuracy to the laser beam				± 0.3°	± 0.3°	± 0.1°
Accuracy to the housing						
Units in the tilt sensor			0.0°, 0.0%		0.0°, 0.0%	
4-fold digital viewfinder					•	•
Store constant values					1	1
Memory recall	10	10	20	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	up to 5,000
Multifunctional end-piece	automatic	manual	automatic	automatic	automatic	automatic
Tripod thread			•	•	•	•
Batteries		AAA 2×1.5			AA 2×1.5	
Protection class	IP 65		IP 54		IP 54	
Dimensions	122×55 ×28 mm	111× 42 × 23 mm	127×49×27.3 mm		143.5×55×30 mm	
Weigh with batteries	159g	90g	149g	150g	195g	205g

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