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Laser & Transit  
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# Leica DISTO™

Measures precisely –  
Exactly what you need.



- when it has to be **right**

**Leica**  
Geosystems

# Measuring with the Leica DISTO™

## Simple, quick and accurate!



### ■ Quick and efficient

You can measure distances at the touch of a button, in just a few seconds – even when working on your own. Saving you time and money.

### ■ Precise and reliable

The laser makes it possible for you to measure distances precisely to the millimeter.

### ■ Safe and modern

You can avoid dangerous measurement situations and potential associated accidents. Use the modern technology of today.

# Which Leica DISTO™ is the right one for me?

	DISTO™ D2	DISTO™ D3	DISTO™ D5	DISTO™ 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°)	✓ (360°)
Determine distances indirectly even past obstructions		✓	✓	✓
Target far-off objects in very bright conditions using the digital Pointfinder			✓	✓
Measurement of roof slopes and facade areas			✓	✓
Indirect measurement of heights without a reflection point				✓
Data transmission by BLUETOOTH®				✓
	Mainly indoors		In and outdoors	

# Leica DISTO™

# D2

THE SMALLEST  
LASER DISTANCE METER  
IN THE WORLD!

## Is it that small?

### ■ Small and handy

Thanks to its ergonomic and compact design with soft grip, the Leica DISTO™ D2 sits securely in your hand, is lightweight and fits into any pocket.

### ■ Clear display

The comprehensive measurement results are clearly displayed on three lines. Easily readable, even in the dark, thanks to the illuminated display.

### ■ Simply clever

Minimum/maximum measurements, tracking and storage of results make your work easier.





**Quick and easy –**  
measure distances and calculate areas  
or volumes at the touch of a button.



**Measuring from edges or corners –**  
with the flip-out end-piece you are equipped  
for any measurement situation.



**The illuminated display makes your measurement results clearly readable, even in the dark.**

### Your advantages at a glance

Measuring range 0.05 m / 0.16 ft up to 60 m / 197 ft typ. accuracy $\pm 1.5$ mm / $\pm 0.06$ in	Precise, quick and reliable measurements
Shortcut keys	Easy-to-use and rapid access to frequently used functions
Illuminated 3-line display	Measured values can be read even in the dark
Flip-out end-piece	Measure from edges or corners
Time delay release	Measure without shake
Stake out function	Stake out equal distances
Pythagoras functions	Indirect height and width measurements in inaccessible positions
IP 54	Splash and dust proof

# Leica DISTO™

# D3



reddot design award  
winner 2007

## Can it do all that?

### ■ Precision at the touch of a button

Whenever you need accurate measurements: Leica DISTO™ D3 has an accuracy of  $\pm 0.6$  in.

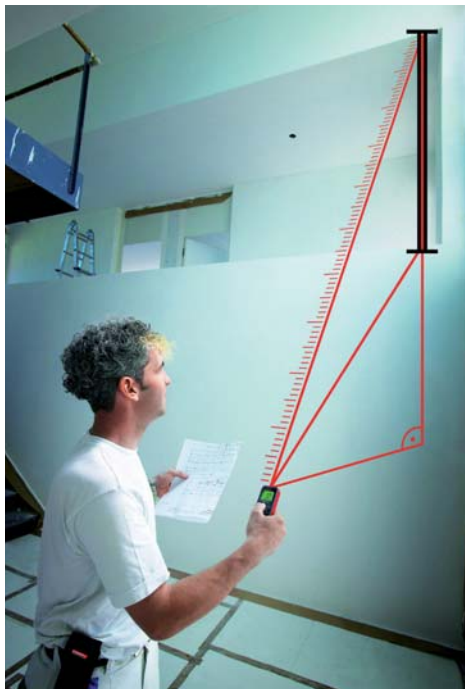
### ■ Tilt measurement

Using the integrated tilt sensor you can quickly determine tilts up to  $\pm 45^\circ$  and obtain absolute horizontal measurements.

### ■ Multifunctional end-piece

Automatic detection of the position of the end-piece makes measuring from corners, slots or edges child's play and always supplies the correct measurements.





Measure distance and partial distances in no time at all, even to inaccessible positions.



Automatically illuminated display: Measurements can also be accurately read in the dark.



Measure to an accuracy of  $\pm 0.06$  in: Precision at the touch of a button.

### Your advantages at a glance

Measuring range 0.05 / 0.16 ft up to 100 m / 328 ft typ. accuracy $\pm 1.5$ mm / $\pm 0.06$ in	Precise, quick and reliable measurements
Tilt sensor	Measure angles up to $\pm 45^\circ$ at the touch of a button
Horizontal distance measurement using the tilt sensor	Distances can be determined quickly and easily in spite of obstructions
Flip-out end-piece with automatic detection	Reliable, trouble-free measurement from edges or out of corners
Pythagoras functions	Indirect height and width measurements in inaccessible positions
Room dimensions	Values such as total wall length, wall and ceiling area are available at the touch of a button
Stake out function	Stake out equal or two different recurring distances
Room angle calculation	Exact calculation of a room angle with only three measurements

Leica DISTO™

D5

WORLD FIRST:  
DIGITAL POINTFINDER  
WITH 4x ZOOM!

## Outside viewing – no problem?

### ■ Strong outdoor performer

The in-built digital Pointfinder with 4x zoom makes aiming at long distances much easier. You can even carry out measurements in glaring sunlight.

### ■ Easy to read

Measurement results and supplementary information are comprehensively shown on the large color display. The high image resolution provides a clear, sharp picture in the digital Pointfinder.

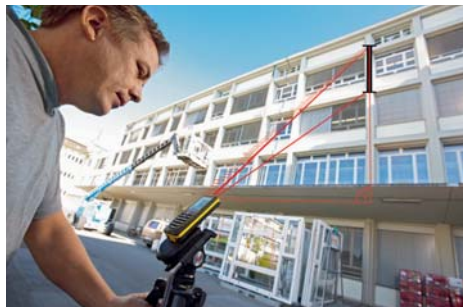
### ■ Integral tilt sensor

Using the tilt sensor you can also take indirect measurements. From this the horizontal distance can be derived inspite of obstructions.





The trapezoid function provides you with a simple way of measuring roof slopes.



Indirect height-measurement: Window heights can be determined using the Pythagoras function.



Determine the horizontal distance in spite of obstructions. The tilt sensor makes it possible.

### Your advantages at a glance

Measuring range of 0.05 m / 0.16 ft up to 200 m / 650 ft typ. accuracy $\pm 1.5$ mm / $\pm 0.06$ in	Precise, quick and reliable measurements
Digital Pointfinder 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 / 328 ft without and 200 m / 650 ft 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
Pythagoras functions	Indirect height and width measurements in inaccessible positions
Detailed display	Additional measurement information available in a touch of a button, e.g. angle information

Leica DISTO™

D8

Bluetooth®

Can it transfer  
data simply?

■ **Error-free data transfer**

Bluetooth® and the supplied "Leica DISTO™ Transfer" software ensures that data transfer to pocket PCs and PCs is quick and error-free. The simple way to enter your results into Excel®, Word®, AutoCAD® and other programs for further processing.

■ **Strong outdoor performer**

Measure long distances simply and quickly thanks to the digital Pointfinder with its 4x zoom and high resolution color display.

■ **360° tilt sensor**

The combination of angle and distance measurements allows you to determine distances where conventional methods fail.





Any tilt can be determined in the simplest of ways by placing the housing on the sloping surface.



The in-built digital Pointfinder provides you with an easy way to point precisely at long distance.



The BLUETOOTH® interface means you can transfer data quickly, without errors.

### Your advantages at a glance

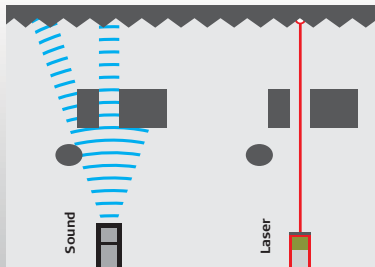
Measuring range of 0.05 m / 0.16 ft up to 200 m / 650 ft typ. accuracy $\pm 1.0$ mm / $\pm 0.04$ in	Precise, fast and reliable measurements
BLUETOOTH®	Error-free and quick data transfer to Pocket PC or PC
"Leica DISTO™ Transfer" software is included	Easy transfer for further processing in Excel®, Word®, AutoCAD® or other Windows-based programs
AutoCAD® plug-In	Convenient drawing using your AutoCAD® software
360° tilt sensor	Measure any slope, even overhead
Digital Pointfinder with 4x zoom and high resolution color display	Convenient measurement of distant objects, even in bright sunlight
Indirect measurement functions with tilt sensor	Determine distances to objects that cannot be measured directly because they lack reflective points
Height profile measurements	Determine spot heights and ground profiles

# Our Promise – Innovation by Tradition

More than 15 years ago Leica Geosystems brought out the first hand-held laser distance meter and revolutionised the world market. Since then we have set the standards for productivity in modern measuring. A lively spirit of innovation inspires our highly motivated development engineers to keep coming up with new ideas. They lead to products that win over the customer with their robustness, reliability and precision. Leica DISTO™ eases our customers' everyday tasks.



Measuring long distances thanks to Power Range Technology™ from Leica Geosystems.



Millimetre-accurate measurements – the laser makes it possible! An innovation from Leica Geosystems.

## The highest demands

Satisfying customers' needs and fulfilling their expectations receives the highest priority at Leica Geosystems. We promise outstanding quality. We keep this promise by employing highly qualified specialists and working with the best partners. Only materials complying with the highest international standards are used in the manufacture of our products. Continuous tests during production guarantee consistently high quality.



### **Model range**

The user can select his ideal model from the range of innovative laser distance meters manufactured by Leica Geosystems. The product portfolio is rounded off by some worthwhile accessories that allow you to complete your measurement tasks even more efficiently. As you would expect, we also offer the same spirit of innovation and promise of the highest quality with all our other products.

### **Warranty and customer service**

Register your device with us within 8 weeks of purchase at [www.disto.com](http://www.disto.com) and benefit from our 3-year warranty. Should a problem arise we normally deal with it in a simple way – your dealer will immediately replace a defective device with a new one, because time is money.

### **Represented worldwide**

Leica Geosystems has a global network of dealers with numerous branches in Europe, Asia and America. We are always there for you. Never far away.

# Leica DISTO™ Accessories



**Softbag**  
Art. No. 667169



**Arm holster**  
Art. No. 739200  
For Pocket PCs:  
Allowing handsfree  
operation with  
Leica DISTO™ D8.



**Laser glasses**  
Art. No. 723777  
For better visibility of  
the laser dot outside.



**Tripod Leica  
TRI 100**  
Art. No. 757938  
Quality tripod  
with very easy  
fine adjustment.



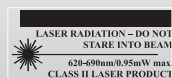
**Stick-on  
target plates**  
(1.77" x 3.94")  
Art. No. 723774  
For fixing on edges

**Stick-on  
target plates**  
(7.76" x 10.79")  
Art. No. 766560  
For placing on  
ground markers

**Target plate  
(DIN A4)**  
Art. No. 723385  
With two different sur-  
faces, recommended  
from 164 ft



**Adaptor for  
attachment  
to the pole**  
Art. No. 769459



Laser class II  
in accordance with  
FDA 21CFR Ch.1 § 1040

Laser class 2  
in accordance with  
IEC 60825-1 and  
EN 60825-1



**GLK 25 charger  
with rechargeable  
batteries**  
Art. No. 741906  
US version

**4 rechargeable  
batteries**  
Art. No. 741897

Functions	D2	D3	D5	D8
Minimum/maximum measurements	•	•	•	•
Continuous measurement	•	•	•	•
Addition / subtraction	•	•	•	•
Area / volume measurements	•	•	•	•
Room dimensions		•	•	•
Indirect measurements using Pythagoras	•	•	•	•
Horizontal distance past obstructions		•	•	•
Trapezium measurements			•	•
Indirect measurements using tilt sensor				•
Technical Data	D2	D3	D5	D8
Typical measuring accuracy	± 0.06 in	± 0.06 in	± 0.06 in	± 0.04 in
Range	0.16 ft – 197 ft	0.16 ft – 328 ft	0.16 ft – 650 ft	0.16 ft – 650 ft
Power Range Technology™		•	•	•
Distance in ft Ø of the laser dot in inches	33 ft, 164 ft, 328 ft 0.24", 1.18", 2.36"		33 ft, 164 ft, 328 ft 0.24", 1.18", 2.36"	
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	0.0°, 0.00% mm/m, in/ft
4-fold digital viewfinder			•	•
Store constant values		1	1	1
Recall last values	10	20	20	30
Time delay release (timer)	•	•	•	•
Display illumination	•	•	•	•
Measuring units	m, ft, in	m, ft, in	m, ft, in, yd	m, ft, in, yd
Free software				•
Data interface*				BLUETOOTH® (Class 2)
Measurements per set of batteries	up to 5,000	up to 5,000	up to 5,000	up to 5,000**
Multifunctional end-piece	manual	automatic	automatic	automatic
Tripod thread		Plastic	Metal	Metal
Batteries	Typ AAA 2x1,5V	Typ AAA 2x1,5V	Typ AA 2x1,5V	Typ AA 2x1,5V
Splash proof / dust protected IP54	•	•	•	•
Dimensions	4.37" x 1.65" x 0.91"	4.29" x 1.77" x 0.94"	5.64" x 2.17" x 1.18"	5.64" x 2.17" x 1.18"
Weight with batteries	3.17 oz.	3.88 oz.	6.87 oz.	7.23 oz.

\*1) System requirements and recommended Pocket PCs can be found under: [www.disto.com](http://www.disto.com)

\*\*1) Reduced in BLUETOOTH® mode



**Sandra Köcher (Painter)**

"As a decorator I often have to measure and add distances and areas. With the Leica DISTO™ D3 everything is done precisely at the touch of a button."



**Detlef Foht (Crane Driver)**

"I often have to measure long distances on site. Therefore I find the Leica DISTO™ D5 with its digital Pointfinder extremely useful."



**Wilfried Fink (Joiner)**

"An instrument that measures distances and tilts, is robust and still fits into my pocket. Pure genius!"

Dealer Stamp

[www.disto.com](http://www.disto.com)

- when it has to be **right**

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Geosystems