

Leica DISTO™

The original laser distance meter



 **SWISS** Technology
by Leica Geosystems

- when it has to be **right**

Leica
Geosystems



Why do you
make your life
so miserable?

There is an alternative:

- **Quick and efficient**

Just press the button and measure. One person measuring that saves you both time and money.

- **Precise and reliable**

Measure up to 200 meters with millimeter accuracy.

- **Safe**

Avoid hazardous measuring procedures. Measure safely with a Leica DISTO™!

Measure with:



Range up to 200 m				✓
Laser accuracy				✓
Measure hard to reach areas				✓
One-person measuring	✓	✓	✓	✓
Memory function			✓	✓
Area/volume calculation			✓	✓
Integrated level				✓

Measure with **Leica DISTO™**: Easy, quick and precise

• Versatile

Measure indoors, outdoors
and hard to reach areas.

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Leica DISTO™ A3

The small one

**Measuring made easy –
in a handy size**

Outstanding compactness and simple operation are the defining characteristics of the basic model. Shortcut keys for addition, subtraction, area and volume mean that measuring could not be simpler. Minimum and maximum distance calculation are also possible. You could even say that this compact unit is a joy to use.

Reliable, simple and – from now on – always to hand when you need it.





Areas: Quick and easy measurements



Heights: child's play to use with a press of a button

Features	Your advantages
Measuring range of 0.05 m/0.16 ft up to 100 m/325 ft; typ. accuracy ± 3 mm/ ± 0.12 in	Fast and accurate measurement of distances
Power Range Technology™	Allows measuring of long distances (approx. 80 m) without target plate
Handy size	Fits any pocket
Shortcut keys	Simple to operate
Continuous measurement	Measuring of minimum and maximum distances, e.g. for measuring a room diagonal
Integrated spirit-level function	Horizontal alignment
Illuminated display	Measurement readings are visible even in the dark
Foil keypad	Resistant to water spray and dustproof; easy to clean
Targeting assistance	For lining up targets over longer distances and in open spaces

Small but robust
Fits perfectly into the pocket and useful for most applications.



Simple to operate
Due to the shortcut keys addition and subtraction, as well as surface and volume calculations could not be easier.



Integrated spirit-level function
Horizontal alignment made easy, such as for plug sockets.



Leica DISTO™ A5

The most versatile

**Optimum functionality -
with ergonomic design**

The Leica DISTO™ A5 model stands out thanks, both to its ergonomic design and the soft rubber grip that allows it to sit well in the hand. With the unique end-piece, wide range of additional functions and integrated viewfinder, you are fully equipped to tackle any measuring task. The most common calculating functions are of course quickly and easily accessed via the corresponding shortcut keys.

Indoors or outdoors – The Leica DISTO™ A5 is your ever-reliable partner.





Indirect height-measurement: determine facade heights using the Pythagoras function



Room calculations: Pushbutton access to readings for room dimensions, wall and ceiling areas.

Features	Your advantages
Measuring range of 0.05/0.16 ft up to 200 m/650 ft; typ. accuracy ± 2 mm/0.08 in	Fast and accurate measurement of short and long distances.
Power Range Technology™	Allows measuring of long distances (approx. 100 m) without target plate
Ergonomic design with soft rubber grip	Instrument fits well in the hand
Integrated viewfinder with 2x magnification	Ideal for measurement of longer distances
Flip-out end piece with automatic detection	Reliable measurement from edges of areas or corners is carried out trouble-free
Room calculations	Maximum results with minimum effort, no more manual calculations.
Indirect height-/width-measurement	Measurement of inaccessible locations.
Shortcut keys	Extra-simple operation

Ergonomic design with soft rubber grip
Fits perfectly in the hand, with soft rubber grip to ensure a firm hold.



Robust enough for outdoor use
The integrated optical viewfinder simplifies targeting over long distances.



Multi-function flip-out end piece
The built in sensor automatically determines the correct zero point.



Leica DISTO™ plus

The most acknowledged

The ultimate measuring solution!

With the Leica DISTO™ plus you are excellently equipped for every situation. The Leica DISTO™ plus not only displays measurement values but can also transfer them electronically. Included in the scope of delivery are two free-of-charge software programs.

Integrated BLUETOOTH® technology – forget paper and pencil.






Measuring over large distances: fast and accurate



Professional: be competent and impressive

Features	Your advantages
Measuring range of 0.2 m/0.7 ft up to 200 m/650 ft; typ. accuracy ± 1.5 mm/0.06 in	Precise, fast and reliable measurements
Integrated BLUETOOTH® technology 	Wireless transfer of measurement values to a Pocket PC or laptop
Free entry level software "PlusDraw" and "PlusXL" included	All-in-one solution for electronic data processing
Clear keyboard with function and navigation keys	Very user friendly, convenient operation
Integrated viewfinder	Precise measurement over longer distances

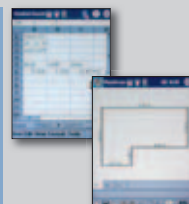
Wireless transfer via BLUETOOTH®

Measurement values can be easily transferred to a PDA (Pocket PC) or to a laptop.



Two free-of-charge software programs

Simple sketches can be made using "PlusDraw". With "PlusXL" the measurement values can be edited in an Excel worksheet.



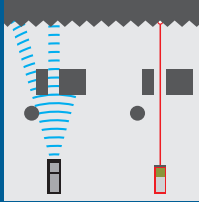
Navigation keys

The navigation keys can directly control the software programs, which allow for a perfect workflow.



Good to know ...

Why are laser distance meters better than ultra sonics?



Leica DISTO™s measure with laser – exactly and over hard to reach areas. Ultra sonics measure with sound waves, which spread out conically and give only an indicative result as opposed to an accurate

measurement. Sonics are affected by objects that appear within the measurement cone and do not operate well outdoors.

Normal measurement range of an ultra sonic instrument is 20 m while a Leica DISTO™ measures up to 200 m with high accuracy.

Why is measuring with Leica DISTO™ efficient?

You can measure alone, no second person is required as is often the case when using a tape measure. Thanks to the digital display, measurement results are easy to read.

What is the benefit of the Power Range Technology™?

This new technology allows measuring of long distances (approx. 80 - 100 m) without target plate.

Is the laser beam harmful?

No. Our instruments are laser class II. Under normal circumstances your eyes are protected by aversion responses such as the blink reflex.

What is the warranty for my Leica DISTO™?

Leica Geosystems AG offers a warranty of 24 months from date of purchase. Should you have a warranty related problem with your instrument during this time, please contact your authorised dealer who will exchange it. Customer oriented, fast and unbureaucratic.

How do I find an authorised dealer?

We are constantly expanding our distribution network. To find your nearest dealer please go to our web site, www.disto.com.

Leica DISTO™ Accessories



① Softbag

Art. No. 667169

For storage of your accessories.

② Stick-on target plates

Art. No. 723774

For fixing on corners and edges.

③ Target plate A4

Art. No. 723385

Recommended from 50 m.

④ Laser glasses

Art. No. 723777

For better visibility of the laser dot outside.

⑤

Arm holster for Pocket PC

Art. No. 739200

Allowing handsfree operation.

All Leica DISTO™s at a glance

Technical data	plus	A5	A3
Typ. Accuracy	± 1.5 mm/0.06 in	± 2 mm/0.08 in	± 3 mm/0.12 in
Range	0.2 m up to 200 m 0.7 up to 650 ft	0.05 m up to 200 m 0.16 up to 650 ft	0.05 m up to 100 m 0.16 up to 325 ft
Power Range Technology™		•	•
Units of measure	0.000 m, 0.00 m, 0.00 ft, 0.00 1/16 ft in, 1/16, 1/16 in	0.000 m, 0.00 m, 0 mm, 0.00 ft, 0.00 1/32 ft in, 0'00" 1/32, 0.0 in, 0 1/32 in	0.000 m, 0.00 m, 0.00 ft, 0.00 1/16 ft in, 0'00" 1/16, 0.0 in, 0 1/16 in
Distance in m/ft Diameter of laser dot in mm/in	10, 50, 100 m 6, 30, 60 mm		
Area, volume measurement	•	•	•
Room calculations		•	
Time delay release	•	•	
min/max and continuous measuring	•	•	•
Indirect height	•	•	
Addition / subtraction	•	•	•
Multiplication	•		
Stores constants	10	1	
Recall last values	15	20	19
Interface	Bluetooth®-Technology		
Free software PlusDraw/PlusXL	•		
Illumination	•	•	•
Multifunctional end piece	•	•	
Tripod mount	•	•	
Integrated viewfinder	•	•	
Built-in bubble	•	•	•
Measurements	up to 10.000 (reduced when operated with BLUETOOTH®)	up to 10.000	up to 5.000
Batteries	Typ AA 2x1.5V	Typ AA 2x1.5V	Typ AAA 2x1.5V
Splash proof / dust proof (IP54)	•	•	•
Dimensions	172x73x45 mm	148x64x36 mm	135x45x31 mm
Weight including batteries	350 g	241 g	145 g
Operating temperature range	-10°C up to +50°C	-10°C up to +50°C	-10°C up to +50°C

System requirements and compatible PDA models can be found on www.disto.com Warranty: 24 months as from date of purchase



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

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



**Total Quality Management -
our commitment
total customer satisfaction**

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Stephan Fringe
(Construction manager)

“Especially on a building site you have to be fast, and here my Leica DISTO™ has more than paid off.”



Dipl. Ing. Karin Aicher
(Architect)

“I have been working with Leica’s laser distance meters for years. Quality and reliability convinced me over and over again.”



Frank Gordon
(Craftsman)

“Finally the instruments are so small and handy that they really fit into any pocket. Even so they are still robust – recommendable.”

Dealer Stamp

748533b-en - X.05 RDV

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