

# 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 smallest

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

Outstanding compactness and simple to operate are the main characteristics of the basic model. Shortcut keys for addition and subtraction, as well as for surface and volume calculations, mean that measuring could not be easier. Minimum and maximum functions have also now been incorporated. 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 $\pm 3$ mm/ $\pm 0.12$ in	Fast and accurate measurement of distances
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 in the open air

**Small but robust**  
Fits perfectly into the pocket and useful for each application.



**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 shape and the soft rubber grip that sits snugly in the hand. With the unique end-piece, a 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 via 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 $\pm 2$ mm/0.08 in	Fast and accurate measurement of short and long distances
Ergonomic design with soft rubber grip	Device sits snugly in the hand
Integrated viewfinder with 2x enlargement	Ideal for long-distance measurement operations
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 a minimum of effort without laborious mental arithmetic
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 determines the right 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 process 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 $\pm 1.5$ mm/0.06 in	Precise, rapid 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
Built-in telescopic viewer	Precise measurement over large distances

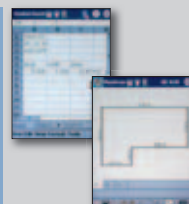
#### Wireless transfer via BLUETOOTH®

Measurement values can easily be 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.



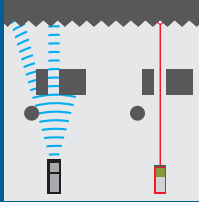
#### Navigation keys

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 conic and present only an inaccurate result. Sonics are deviated by objects and

columns. Normally ultra sonics have a range up to 20 m as a Leica DISTO™ measures up to 200 m even with a high accuracy.

## Why is measuring with Leica DISTO™ efficient?

You measure alone, you need no second person who hold e.g. your tape. Due to the digital display you will have less metering faults.

## Is the laser beam harmful?

No. Our instruments belong to laser class II, which means that normally your eyes are protected by aversion responses including the blink reflex.

## What is the warranty for my Leica DISTO™?

Leica Geosystems AG offers a warranty of 24 months as of date of purchase. Should you have eventually a problem within that time, your dealer will exchange it. Customer oriented, fast and unbureaucratic.

## Where is a dealer near my place?

Always we are enlarging our distribution network. You will find a dealer near you on our webpage [www.disto.com](http://www.disto.com)

## Leica DISTO™ Accessories



- ① **Softbag**  
Art.Nr. 667169  
For storage of your accessories
- ② **Stick-on target plates**  
Art.Nr. 723774  
For fixing on corners and edges
- ③ **Target plate A4**  
Art.Nr. 723385  
Recommended from 50 m
- ④ **Laser glasses**  
Art.Nr. 723777  
For better visibility of the laser dot outside
- ⑤ **Arm holster for Pocket PC**  
Art. Nr. 739200  
Allowing handsfree operation.

## All Leica DISTO™s at a glance

Technical data	plus	A5	A3
Measuring accuracy typ.	± 1,5 mm	± 2 mm	± 3 mm
Range	0.2 m bis 200 m	0.05 m bis 200 m	0.05 m bis 100 m
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 screw	•	•	
Built-in telescopic viewer	•	•	
Built-in bubble	•	•	•
Measurements	up to 10.000 (reduced when operated with BLUETOOTH®)	bis zu 10.000	bis zu 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 bis +50°C	-10°C bis +50°C	-10°C bis +50°C
Wave-length	635 nm	635 nm	635 nm

System requirements and compatible PDA models can be found on [www.disto.com](http://www.disto.com) Warranty: 24 months as of 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

748533a-en - VII.05 RDV

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