

Leica DISTO D810 Laser Distance Meter

The smartest solution to measuring and documenting



World's first: The Leica DISTO™ D810 touch is the first laser distance meter world-wide with a touch screen, allowing for quick and intuitive operation. Another revolutionary feature allows for measurements with pictures. Due to the integrated camera, it is also possible to take pictures and download them with the USB-interface to a computer. The high functionality is perfectly completed by the smart free app "Leica DISTO™ sketch".

- Touchscreen
- Pointfinder with 4x zoom and overview camera.
- Camera function with USB download
- Measure with a picture
- Precise 360° tilt sensor
- Smart Horizontal Mode™
- Height tracking
- Bluetooth® Smart
- Free App – Leica DISTO™ sketch Li-Ion battery



Simply touch-it!

Large touch screen for quick and intuitive operation. Using common gestures such as swipe and zoom with two fingers, all the functions are simply and easily accessible. Measurements can also be taken using the touch screen. This avoids unintentionally moving the Leica DISTO™ D810 touch during the measurement.



Measure with a picture

It has never been easier to determine the width, height, area or even the diameter of an object. One measurement at right angles to the object is all it takes. Then the desired dimension is marked using two arrows in the picture and the measured value appears in the display. In addition to the zoom stages on the Pointfinder, an overview camera is available for large objects.



Documentation using pictures

The camera function on the Leica DISTO™ D810 touch can be used to create pictures or screen shots for recording purposes, which can then be downloaded to a computer via the USB interface. No details about the measured target points need be lost.



ISO Standard 16331-1 – The standard for laser distance meters

Range and accuracy of laser distance meters depend on light conditions and the reflectiveness of the measuring target. For Leica it is important that the instruments not only perform under perfect laboratory conditions, but above all under the kind of everyday working conditions encountered on construction sites. This is why, working together with external experts, the company have developed a standard by which laser distance meters can be tested and compared with each other.



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Technical Specifications

Part Number	Description
Typical measuring accuracy	± 1 mm
Range	up to 200 m
Measuring units	m, ft, in
Power Range Technology™	•
Distance in m	10, 50, 100m
Ø of the laser dot in mm	6, 30, 60mm
Tilt sensor measuring range	360°
Pointfinder with 4x zoom	•
Overview camera	•
Photograph file format	.jpg
Memory	30 displays
Free software for Windows	•
Free App	iOS / Android
Data interface*	Bluetooth® Smart
Measurements per set of batteries	up to 4000*
Multifunctional end-piece	automatic recognition
Batteries	Li-ion rechargeable
Tripod thread	•
Protection class	IP 54
Dimensions	164x61x31mm
Weight with batteries	238 g

*Reduced when used with Bluetooth®

Packing List

Leica DISTO™ D810 touch laser distance meter
Holster
Wrist Strap
USB charger incl. 4 plugs

