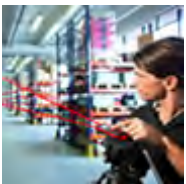# Leica DISTO™ D3a BT
Laser Distance Meter

With BLUETOOTH® Technology and Smart Horizontal Mode™

Now the Leica DISTO™ D3a is also available with BLUETOOTH®. Due to this technology, measurement results can be wirelessly and accurately transferred to Pocket PCs and PCs. Furthermore, the Leica DISTO™ D3a BT is equipped with "Smart Horizontal Mode™, tilt sensor, calculation possibilities for rectangular and triangular areas, volumes, room dimensions and various types of Pythagoras functions.

Smart Horizontal Mode™

Thanks to the combination of distance and tilt measurements you can determine the horizontal distance precisely and simply. If you take a measurement at an inclination of ± 45°, the Leica DISTO™ D3a BT always calculates the shortest distance. So you can measure quickly and easily, even over the top of objects and people.

Multiple functions

The Leica DISTO™ D3a BT can calculate rectangular and triangular areas, volumes, room dimensions and various types of Pythagoras functions. A time delay release and enough memory for up to 20 measurements round off the instrument's wide range of functions – a concept designed to make your work life easier.

Brilliant and clearly arranged display

The results are displayed on the large (2"), clearly arranged and high contrast display. At the touch of a button, the display makes supplementary information available about the measurements, e.g. indirect height, room dimensions, angle information or room angles.

BLUETOOTH®

With integrated BLUETOOTH® technology, measurement results can be wirelessly and accurately transferred to Pocket PCs and PCs. Thus you can easily process your data in Excel®, Word®, AutoCAD® and other programs.

Free software

The delivery package contains the transfer software "Leica DISTO™ Transfer" – easy to install and with automatic updates. The AutoCAD® plug-in additionally allows convenient planning and drawing with your AutoCAD® software

Features

- BLUETOOTH® - reliable data transfer
- Leica DISTO™ transfer software and AutoCAD® plug-in
- Smart Horizontal Mode™
- Inclination measurement (± 45°)
- Illuminated 4-line display
- Multifunctional end-piece
- Robust with IP 54

Features	Your advantages
Measuring range 0.05 to 100 m Typ. accuracy ± 1.0 mm	Precise, quick and reliable measurements
BLUETOOTH®	Error-free and quick data transfer to Pocket PC or PC
"Leica DISTOTM 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
Smart Horizontal Mode ™	Determine precise horizontal distances at the press of a key
Tilt sensor	Measure angles up to ± 45° at the touch of a button
Flip-out end-piece with automatic detection	Reliable, trouble-free and error-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
Triangle function	Determine the area of a many-cornered room efficiently

Shipping List

Includes :

- Leica DISTO™ D3
- Holster
- Hand loop
- 2 AAA batteries
- Target plate
- CD with manual / safety instructions
- Producer certificate M in accordance with DIN 55350-18-4.2.2
- Quickstart guide
- CD with Leica DISTO™ Transfer for PC and PPC, AutoCAD® PlugIn

Distance Meter Specifications

Technical Data	D210	X310	D3a BT	D510
Measuring Accuracy	± 1.0 mm	± 1.0 mm	± 1.0 mm	± 1.0 mm
Range (From about 80 m, use target plate)	0.05 to 80m	0.05 to 80m	0.05 to 100m	0.05 to 200m
Power Range Technology	Y	Y	Y	Y
Distance in m		10, 50, 100 m		
Diameter of laser dot in mm		6, 30, 60 mm		
Tilt sensor - Measuring Range	-	360°	± 45°	360°
Tilt sensor - Accuracy to the laser beam	-	±0.2°	± 0.3°	-0.1° / +0.2°
Tilt sensor - Accuracy to the housing	-	±0.3°	± 0.3°	±0.3°
Units in tilt sensor	-	0.0°, 0.0%	0.0°, 0.0%	0.0°, 0.00%
Minimum / Maximum measurement	Y	Y	Y	Y
Continuous Measuring	Y	Y	Y	Y
Addition / Subtraction	Y	Y	Y	Y
Area / Volume measurement	Y	Y	Y	Y
Triangle Function	-	Y	Y	Y
Room Angle Function	-	Y	Y	Y
Painter Function	Y	Y	Y	Y
Trapezium measurements	-	-	-	Y
Pythagoras functions	Y	Y	Y	Y
Room calculations	-	-	Y	Y
Smart Horizontal Mode	-	Y	Y	Y
Double tilt measurement	-	-	-	Y
Height tracking	-	Y	-	Y
Height profile measurements	-	-	-	Y
Stake out function	a/a	a/b	a/b	a/b
Digital viewfinder with 4x zoom	-	-	-	Y
Stores constant values	-	-	1	1
Recall last values	10	10	20	30
Time delay release	-	Y	Y	Y
Display illumination	Y	Y	Y	Y
Free software			Y	Y
Data Interface			Bluetooth (Class 2)	Bluetooth® Smart
Hand loop	Y	Y	Y	Y
Holster	Y	Y	Y	Y
Measurements per set of batteries	up to 5,000	up to 5,000	up to 5,000 (< Bluetooth)	up to 5,000 (< Bluetooth)
Multifunctional end piece	Y	Y	Y	Y
Tripod thread	-	Y	Y	Y
Batteries	AAA 2x1.5V	AAA 2x1.5V	AAA 2x1.5V	AA 2x1.5V
Splash proof / dust proof (IP54)	IP54	IP65	IP54	IP65
One Year Warranty	Y	Y	Y	Y
Dimensions	114x50x27mm	122x55x31mm	125x45x24mm	143x58x29mm
Weight including batteries	126g	155g	150g	205g