

Product Data Sheet

Leica 3D Disto

Features



- Range up to 50 m
- ± 1.0 mm tie distance accuracy @ 10 m
- Self-levelling within 3°
- Digital Pointfinder with 8-fold zoom
- 3D measurements manually or automated
- 3D projection of CAD files
- Guided relocation integrated
- Various export formats (.dwd, .dxf, .csv, .txt)
- Li-Ion rechargeable batteries
- Cable free operation
- Powerful software for Windows devices

Technical data

	Leica 3D Disto
Measuring range	0.5 - 50 m / 1.7 - 165 ft
Laser	Class 2, 635 nm, <1 mW
X-Range Power Technology	yes
Laser point size @ distance	7 x 7 mm @ 10 m / 9 x 15 mm @ 30 m
Tie distance accuracy	± 1 mm @ 10 m, 2 mm @ 30 m, 4 mm @ 50 m / 0.04" @ 33', 0.08" @ 98', 0.16" @ 164'
Measuring range angle measurement	Horizontal 360°, vertical 250°
Digital Pointfinder	zoom magnification: 1x, 2x, 4x, 8x
Tilt sensor: self-levelling range / accuracy	$\pm 3^\circ$ / 10" (2.5 mm @ 50 m)
Communication cable	USB standard type A and standard type B
Communication wireless	WLAN with up to 50 m range (depending on environment)
Communication remote control	infrared (IR), range up to 30 m / 98'
Data formats export	dwg, dxf, txt, csv, jpg
Data formats import	dxf, csv
Power supply	Li-Ion battery 14.4 V / 63 Wh, power supply 24 VDC / 2.5 A
Operation time	8 h
Charging time	7 h
Mounting	5/8"
Protection class	IP54 (dust- and splash water protected)
Dimension (\varnothing x H)	186.6 x 215.5 mm 7.3" x 8.5"
Weight (with batteries)	2.8 kg / 6.2 lbs
Temperature range storage operation	-25 to 70°C / -13 to 158°F -10 to 50°C / 14 to 122°F
Software	Leica 3D Disto software for Windows® included
Tablet requirements (tablet not included in package)	Windows® 7 or higher, processor i3, i5 or i7, ARM 64 based processors are not compatible

Functions

Tie distance measuring	Layer functionality	Self-levelling
Automated line and surface scans	CAD tools	Projector of grids and imported CAD data
Area and volume calculation	Relocation	Tool kit for stake-out purposes
CAD data export	Reference height	User calibration

Scope of Delivery



Leica 3D Disto

Art. No. 844692

Package with 3D Disto in carry case, power supply for 3D Disto, ruler for offset points, GZM3 target plate, 1 USB cable, self-adhesive target marks, RM100 remote control, USB stick, safety manual, quick start, producer certificate.
Includes software license Leica3D Disto software for Windows.
Tablet not included.

Customer Care Packages (CCP)

1 year 3D Disto customer support and software maintenance	Art. No. 6013493
2 years 3D Disto customer support and software maintenance	Art. No. 6013494
3 years 3D Disto customer support and software maintenance	Art. No. 6013495
1 year 3D Disto distribution partner support and software maintenance	Art. No. 6011764
2 years 3D Disto distribution partner support and software maintenance	Art. No. 6011765
3 years 3D Disto distribution partner support and software maintenance	Art. No. 6011766

Accessory

CET 103 elevator aluminium tripod, 84 -246 cm height	Art. No. 768033
CTP 104 D-1 aluminium tripod with dome head	Art. No. 790226
USB WLAN stick, for WLAN connection to Leica 3D Disto 1 st generation	Art. No. 837798

Extended Warranty



Register your product within 8 weeks of purchase at www.disto.com/warranty and benefit from our 3-year warranty, respectively 2-years warranty on Li-Ion batteries.

Dealer Stamp



in accordance with IEC 60825-1



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- when it has to be **right**

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