

# Product Data Sheet

## Leica 3D Disto

### Features



- Range up to 50 m
- $\pm 1.0$  mm tie distance accuracy @ 10 m
- Self-levelling within  $3^\circ$
- 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	$\pm 1$ 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

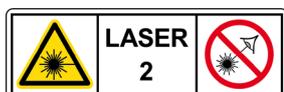
CET 103 elevator aluminium tripod, 84 -246 cm height	Art. No. 768033
CTP 104 D-1 aluminium tripod with dome head	Art. No. 790226
USB WLAN stick, for WLAN connection to Leica 3D Disto 1 <sup>st</sup> generation	Art. No. 837798

## Extended Warranty



Register your product within 8 weeks of purchase at [www.disto.com/warranty](http://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**

**Leica**  
Geosystems