

Leica DISTO™ S910 vs. Leica 3D Disto

Which one is the right one for me?



Features	DISTO™ S910	3D Disto
Accuracy	★	★★★
Measuring range	★★★	★
Measuring modes	★	★★★
Integrated set-out tools		★★★
Point-to-point Measuring	★★★	★★★
Working comfort on jobsite	★	★★★
Precise aiming	★	★★★
Working range	★	★★★
Instrument setup	★★★	★
Levelling	★	★★★
Software interface and compatibility	★★★	★★
Creating and export data	★	★★★
Basic CAD functionality		★★★

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Typical applications

DISTO™ S910

- Measure distances and areas hard to access (roofs, facades...)
- Measure outside and long range
- Create DXF files with limited points and accuracy
- Handheld device to do single measurements, fast and flexible without long setup time



3D Disto

- Millwork, stairs building, kitchen building (countertops), metal constructions, stone work...
- Possibility to get accurate data of any curved outline (e.g. window or door in a round arch)
- Many stake-out functions integrated (plumbing, parallels, meter mark tools, drill hole projection) to execute work
- Device to collect lots of data for large and complex projects



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Features	DISTO™ S910	3D Disto
Tie distance accuracy (Comb. of angle and distance)	10mm @ 10m, 5mm @ 5m	1mm @ 10m
Measuring range	0.05 – 300 m	0.5 – 50 m
Measuring modes	Manually, single points	Motorized, automated line (horizontal, vertical, sloped) and area scans
Stake-out, projection, set-out tools	No support	Full support incl. DXF import, plumbing, parallels, meter mark, relocation tool
Point-to-point measuring	Easy to use	Made for larger and complex projects and not single measurements
Working comfort on jobsite	No visible feedback of measured points	Software for Windows with 3D visualisation
Precise aiming	Manually, pointfinder 4 x zoom, steered by hand	Motorized , Pointfinder 8 x zoom, Joystick functionality

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Features	DISTO™ S910	3D Disto
Working range	To be operated on / close to device	Can be operated remotely ; user can be close to points he intends to measure
Instrument setup	Fast and flexible	Required setup time for automated levelling
Levelling	Semi-automated	Automated
Software interface	Bluetooth® 4.0, WLAN	WLAN
Software compatibility	DISTO™ sketch (iOS, Android) DISTO™ transfer (Windows)	3D Disto Software for Windows
CAD	Real-time into different 3 rd party software	Real-time into different 3 rd party software
Creating and export data	20 DXF files with 30 points each, JPG	Unlimited numbers of measurements , DXF, CSV and JPG export
Basic CAD functionality	No support	Line intersection, line extension, point offset, perpendicular intersection...