

# 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	<b>0.05 – 300 m</b>	0.5 – 50 m
Measuring modes	Manually, single points	<b>Motorized, automated line</b> (horizontal, vertical, sloped) and <b>area scans</b>
Stake-out, projection, set-out tools	No support	Full support incl. <b>DXF import, plumbing, parallels, meter mark, relocation tool</b>
Point-to-point measuring	<b>Easy to use</b>	Made for <b>larger and complex projects</b> and not single measurements
Working comfort on jobsite	No visible feedback of measured points	Software for Windows with <b>3D visualisation</b>
Precise aiming	Manually, pointfinder 4 x zoom, steered by hand	<b>Motorized</b> , Pointfinder 8 x zoom, <b>Joystick</b> functionality

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