

# Solutions

Depending on the area of application, various laser measures with different functional ranges are available.

Technical data	DISTO X4	DISTO D510	DISTO D810	DISTO S910
Art. No.	855107	792290	792297	805080
Packaging solution Art. No.	887891 (incl. DST 360 + TRI 120)	823199 (incl. FTA 360 + TRI 70)	806648 (incl. FTA 360 + TRI 70)	887900 (incl. FTA 360-S + TRI 120)
Typ. distance measuring accuracy	± 1.0 mm	± 1.0 mm	± 1.0 mm	± 1.0 mm
Range	0.05 to 150 m	0.05 to 200 m	0.05 to 250 m	0.05 to 300 m
Measuring units	m, ft, in	m, ft, in	m, ft, in	m, ft, in
Distance in m Ø of the laser dot in mm	10, 50, 100 m 6, 30, 60 mm	10, 50, 100 m 6, 30, 60 mm	10, 50, 100 m 6, 30, 60 mm	10, 50, 100 m 6, 30, 60 mm
Tilt sensor	x	x	x	x
Tilt sensor accuracy to the laser beam	± 0,2°	± 0,2°	-0,1° / + 0,2°	-0,1° / + 0,2°
Tilt sensor accuracy to the housing	± 0,2°	± 0,2°	± 0,1°	± 0,1°
Units in the tilt sensor	0.0 °, 0.00 %	0.0 °, 0.00 %, mm/m, in/ft	0.0 °, 0.00 %, mm/m, in/ft	0.0 °, 0.00 %, mm/m, in/ft
Smart Base measuring range Horizontal Vertical	360° * - 64° to > 90° *			360° - 40° to 80
Distance in m Typ. tolerance of the P2P function	2, 5, 10 m * ± 2, 5, 10 mm *			2, 5, 10 m ± 2, 5, 10 mm
Levelling range	± 5° *			± 5°
Pointfinder with zoom	4x	4x	4x	4x
Picture file format			jpg	jpg
CAD data format on device				dxf
Memory for CAD files on device				20 files 30 points
Memory for last measurements	20	30	30	50
Display illumination	x	x	x	x
Free software for Windows	x	x	x	x
App for iOS and Android	x	x	x	x
Smart Room support	x			
General data interface	Bluetooth®	Bluetooth®	Bluetooth®	Bluetooth®
Measurements per set of batteries	up to 4'000 **	up to 5'000 **	up to 4'000 **	up to 4'000 **
Service life of batteries	up to 8 h **	up to 10 h **	up to 8 h **	up to 8 h **
Multifunctional end piece	x	x	x	
Automatic reference detection for end piece	x	x	x	x
Tripod thread	1/4 "	1/4 "	1/4 "	1/4 "
Batteries	Type AA 2 x 1.5 V	Type AA 2 x 1.5 V	Li-Ion battery	Li-Ion battery
Charging time			4 h	4 h

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Protection class	IP65	IP65	IP54	IP54
2 m drop tested	x			
Dimensions	132 x 56 x 29 mm	143 x 58 x 29 mm	164 x 61 x 31 mm	164 x 61 x 32 mm
Weight with batteries	188 g	198 g	198 g	238 g
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\*) Applies for usage with DST 360

\*\*) reduced when used with Bluetooth®, WLAN or Leica DST 360