LEVALIGN® expert – Technical Data

Parameter	LEVALIGN® expert
	Laser
Wavelength	635 nm (red)
Laser class	II (<1mW)
Range	100 meters (Ø 200 meters) [328 ft, Ø 656 ft]
Leveling	Vertical or horizontal (can be switched off)
Self-leveling range	±5 %
Direction adjustment	±5 %
Rotating speed	max. 800 RPM
Total error	< ±25 µm + ±24 µm/m incl. conical + step + leveling error)
Power supply	Internal rechargeable battery or external power supply
Operating time	16 hours
Dimensions	Ø 130 mm x 270 mm
Weight	3.4 kg [7 1/2 lb]
Charger	Input: 100 - 240 VAC / 50 - 60 Hz / 340 mA Output: 12 VDC / 1200 mA / 14.4 W

	Sensor
Resolution	0.01 mm
Accuracy	±0.02 mm
Measuring range	70 mm [2 3/4"]
Zero-point adjustment	70 mm
Internal memory	2600 points
Communication	Bluetooth
Power supply	2 x AA batteries
Dimensions	214 x 70 x 40 mm [[8 7/16" x 2 3/4" x 1 9/16"]
Weight	0.62 kg [21.9 oz]