

Leica Sprinter levels

Technical data sheet



Technical Data	Sprinter 50	Sprinter 150	Sprinter 150M	Sprinter 250M
Art. No.	762628	762629	762630	762631
Height accuracies	standard deviation height measurement per 1 km double run (ISO 17123-2)			
-Electronic measurement*	2.0 mm	1.5 mm	1.5 mm	1.0/0.7* mm
-Optical measurement	With standard aluminium E-scale/numeral staff: 2.5 mm			
-Single staff reading	standard deviation: 0.6 mm (electronic) and 1.2 mm (optical) at 30 m			
Distance accuracies	standard deviation distance measurement 10 mm for $D \leq 10$ m and (distance in m x 0.001) for $D > 10$ m			
Range	2 – 100 m (electronic)			
Measuring modes	single and tracking			
Time for single measurement	< 3 sec			
Compensator	magnet damped pendulum compensator (range +/- 10 min)			
Telescope	magnification (optical) 24x			
Data storage			up to 2'000 points	
Protection class	IP 55			
Power supply	AA dry cells (4 x LR6/AA/AM3 1.5 V)			
Weight	< 2.5 kg			

* With Sprinter aluminium barcode staff, 0.7 mm can be achieved with Sprinter fibre glass barcode staff (3 m, 1 section)