

FL 505HV-G

The versatile dual grade laser



TECHNICAL DATA	FL 505HV-G	FEATURES
Self-levelling range	± 8°	<ul style="list-style-type: none"> · Dual Axis Laser · Horizontal and vertical · Digital grade adjustment · Monitored grade · TILT function · WVS function · 90° beam to zenith · Illuminated display · 2 way RF remote control · Manual function · 4-step scanning function · Operation with rechargeable Li-Ion or alkaline batteries · Dust / water protection IP 66
Accuracy horizontal	± 0.5 mm / 10 m	
Accuracy vertical	± 1 mm / 10 m	
Working range with receiver Ø FR 45	1200 m	
receiver Ø FR 77-MM	400 m	
Scanning w/o receiver	60 m*	
Rotating w/o receiver Ø	60 m*	
Laser diode / Laser class	2	
Scanning ranges	0°, 10°, 45°, 90°, 180°	
Horizontal slope setting		
X axis	± 10.000 %	
Y axis	± 10.000 %	
X and Y axis	Σ ± 14 %	
Vertical slope setting		
X axis	± 10.000 %	
Y(Z) axis	horizontal self-levelled	
Rotating speed	300 / 600 / 1100 rpm	
Operating time	40 h	
Power supply	intelligent / Li-Ion Alkaline batteries (optional)	
Remote control range	150 m	
Remote control channels	9	
Temperature range	-10 °C to +50 °C	
Dust / water protection	IP 66	
Weight (instrument only)	3.85 kg	
		SUPPLIED WITH FL 505HV-G (LC 2) + FR 80-MM ART.-NO. 231080 <ul style="list-style-type: none"> · Receiver FR 80-MM with clamp · 2-Way RF Remote control · Li-Ion battery & charger · Vertical mount · Telescope · 360° horizontal fine adjustment bracket · Container

* depending on environmental conditions