

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 · VWS function · 90° beam to zenith 	<ul style="list-style-type: none"> · 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												
				<table border="1"> <thead> <tr> <th>SUPPLIED WITH</th> <th>SUPPLIED WITH</th> </tr> </thead> <tbody> <tr> <td>FL 505HV-G (LC 2) + FR 77-MM</td> <td>FL 505HV-G (LC 2) + FR-DIST 30</td> </tr> <tr> <td>ART.-NO. 231025</td> <td>ART.-NO. 231055</td> </tr> <tr> <td> <ul style="list-style-type: none"> · Receiver FR 77-MM with clamp · 2-Way RF Remote control · Li-Ion battery & charger · Vertical mount · Telescope · 360° horizontal fine adjustment bracket · Container </td> <td> <ul style="list-style-type: none"> · Receiver FR 77-DIST 30 with clamp · 2-Way RF Remote control · Li-Ion battery & charger · Vertical mount · Telescope · 360° horizontal fine adjustment bracket · Container </td> </tr> </tbody> </table>		SUPPLIED WITH	SUPPLIED WITH	FL 505HV-G (LC 2) + FR 77-MM	FL 505HV-G (LC 2) + FR-DIST 30	ART.-NO. 231025	ART.-NO. 231055	<ul style="list-style-type: none"> · Receiver FR 77-MM with clamp · 2-Way RF Remote control · Li-Ion battery & charger · Vertical mount · Telescope · 360° horizontal fine adjustment bracket · Container 	<ul style="list-style-type: none"> · Receiver FR 77-DIST 30 with clamp · 2-Way RF Remote control · Li-Ion battery & charger · Vertical mount · Telescope · 360° horizontal fine adjustment bracket · Container
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* depending on environmental conditions