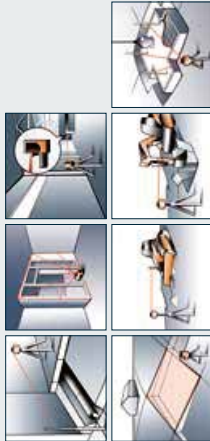


FL 500HV-G

The versatile grade laser for interiors and exteriors



- » **The latest generation of our dial-in Dual Axis Grade Lasers with the following features:**
 - Fully automatic self-levelling in horizontal, vertical and grade
 - Slope functions:
 - Horizontal:
 - Digital grade setting of X and Y axis up to $\pm 10\%$
 - Manual slope setting of X and Y axis
 - Vertical:
 - Direction of X axis can be set up to $\pm 10\%$ with Y axis self-levelled
 - Direction of X and Z axis can be set manually
 - Automatic TILT function
 - VWS function (Vibration-Wind-Security)
 - Rotation will not be stopped due to light ground and wind vibrations (combined with TILT function)
 - Fully functional 9 Channel 2 way RF remote control
 - Li-Ion battery technology: 100% power until fully discharged, no memory effect, no self-discharge, top-up charging possible
 - 4-step scanning function
 - Illuminated display



FEATURES

- Dual Axis Laser
- Horizontal and vertical
- Digital grade adjustment
- Monitored grade
- TILT function
- VWS 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

SUPPLIED WITH FL 500HV-G

- Receiver FR 45 with clamp
- 2 way RF remote control
- Li-Ion batteries and charger
- Vertical mount
- Telescopic viewfinder
- 360° horizontal line adjustment bracket
- Container

SUPPLIED WITH FL 500HV-G GREEN

- Receiver FRG 45-Green with clamp
- 2 way RF remote control
- Li-Ion batteries and charger
- Vertical mount
- Telescopic viewfinder
- 360° horizontal line adjustment bracket
- Container

FLG 500HV-G Green

The versatile grade laser in green



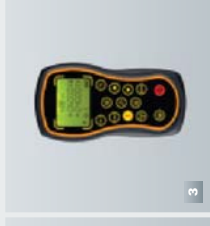
- » Same features like FL 500HV-G - but incorporating a green laser diode - which gives this laser an edge in interior application.
- » The green laser diode improves the visibility of the laser line under difficult measuring conditions such as bright surroundings, long distances or dark surfaces.

1 With receiver

2 With 360° horizontal line adjustment bracket

3 With 9 channel 2 way RF remote control

4 Complete kit supplied in container



	FL 500HV-G	FL 500HV-G	FLG 500HV-G GREEN
	ART-NO. 231920	ART-NO. 231900	ART-NO. 231500
Self-levelling range	$\pm 8^\circ$	$\pm 8^\circ$	$\pm 8^\circ$
Accuracy horizontal	$\pm 0.5 \text{ mm} / 10 \text{ m}$	$\pm 0.5 \text{ mm} / 10 \text{ m}$	$\pm 0.5 \text{ mm} / 10 \text{ m}$
Accuracy vertical	$\pm 1 \text{ mm} / 10 \text{ m}$	$\pm 1 \text{ mm} / 10 \text{ m}$	$\pm 1 \text{ mm} / 10 \text{ m}$
Working range with receiver \varnothing	900 m	1200 m	800 m
Scanning w/o receiver	40 m*	60 m*	40 m*
Rotating w/o receiver \varnothing	40 m*	60 m*	40 m*
Laser class/Laser class	2	3R	3R
Scanning ranges	0°, 10°, 45°, 90°, 180°	0°, 10°, 45°, 90°, 180°	0°, 10°, 45°, 90°, 180°
Horizontal slope setting	$\pm 10.0000\%$	$\pm 10.0000\%$	$\pm 10.0000\%$
X axis	$\pm 10.0000\%$	$\pm 10.0000\%$	$\pm 10.0000\%$
Y axis	$\Sigma \pm 14\%$	$\Sigma \pm 14\%$	$\Sigma \pm 14\%$
X and Y axis	$\pm 10.0000\%$	$\pm 10.0000\%$	$\pm 10.0000\%$
Vertical slope setting	$\pm 10.0000\%$	$\pm 10.0000\%$	$\pm 10.0000\%$
X axis	horizontal self-levelled	horizontal self-levelled	horizontal self-levelled
YZI axis	300 / 600 / 1100 rpm	300 / 600 / 1100 rpm	300 / 600 / 1100 rpm
Rotating speed	40 h	40 h	40 h
Operating time	intelligent / Li-Ion	intelligent / Li-Ion	intelligent / Li-Ion
Power supply	Alkaline batteries (optional)	Alkaline batteries (optional)	Alkaline batteries (optional)
Remote control range	150 m	150 m	150 m
Remote control channels	9	9	9
Temperature range	-10 °C – +50 °C	-10 °C – +50 °C	0 °C – +40 °C
Dust / water protection	IP 66	IP 66	IP 66
Weight (instrument only)	3,85 kg	3,85 kg	3,85 kg