

FLG 245HV-GREEN TRACKING

The indoor alignment pro



» **The latest development of interior lasers for all applications**

- Accurate, robust and temperature stable
- Low friction drive for reduced noise generation

» **User-friendly operating concept**

- For the ultimate in ease-of-use the only keypad functions on the instrument control power On/Off and the remote control
- All additional functions including scanning and slope setting are accessed from the remote control
- TRACKING-Function at the receiver

» **Robust remote control with 100 m range**

ROTATING LASER



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Case with FLG 245HV-GREEN Tracking 1

Receiver FR 77-MM Tracking 2

**SUPPLIED WITH
FLG 245HV-GREEN TRACKING**

ART.-NO. 244701

- Receiver FR 77-MM Tracking with clamp for levelling staff
- Remote control
- Rechargeable batteries
- Charger
- Battery case for alkaline batteries
- Floor / wall mount
- Magnetic target
- Laser glasses
- Carrying case

TECHNICAL DATA	FLG 245HV-GREEN TRACKING
Self-levelling	horizontal/vertical
Grade	manual
Self-levelling range	±5°
Laser class	2
Visible laser beam	green
Accuracy horizontal	1,0 mm / 10 m
Accuracy vertical	1,5 mm / 10 m
Working range with FR 77-MM / Tracking	1000 m
Rotating w/o receiver / Ø	40 m
Scanning w/o receiver / radius	60 m
Tracking function	yes
Working range tracking function	60 m
Scanning	2 step
Laserdot mode	yes
90° plumb beam up	yes
Slope setting manual X-Axis	±5° (±9%)
Y-Axis	±5° (±9%)
Automatic TILT function	yes
Working range remote control	IR 100 m
Remote control function (on/off)	yes
Rotating speed rpm	300, 800
Operating time	24 h NiMH
Temperature range	-20° to +50°C
Protection class	IP 54





FEATURES

The Premium horizontal and vertical laser for all interior and outdoor applications

- Dust / water protection IP 66
- High accuracy of $\pm 0,5 \text{ mm} / 10 \text{ m}$
- Working range 800-1000 m diameter (depending on model)
- Enhanced scanning functions with small increments and a range up to 180°
- Permanent 90° beam for right angles
- Automatic TILT alarm function
- VWS function (Vibration-Wind-Security)
- Auto-shut-off when out of level
- Remote control function on/off: to avoid interference with other remote controls or mobile devices
- Manual slope setting of X and Y axis or auto self-level of opposite axis
- Floor mount with centring mark for accurate set up above a ground point
- Li-Ion battery technology

TECHNICAL DATA

	FL 265HV (LC 2)	FL 265HV (LC 3R)	FLG 265HV-GREEN
Self-levelling	horizontal/vertical	horizontal/vertical	horizontal/vertical
Grade	manual	manual	manual
Self-levelling range	$\pm 5^\circ$	$\pm 5^\circ$	$\pm 5^\circ$
Laser class	2	3R	2
Visible laser beam	red	red	green
Accuracy horizontal	0,5 mm / 10 m	0,5 mm / 10 m	0,5 mm / 10 m
Accuracy vertical	1,0 mm / 10 m	1,0 mm / 10 m	1,0 mm / 10 m
Working range with receiver \varnothing			
· with FR 45	800 m	1000 m	1000m
· with FR 77-MM / Tracking	400 m	600 m	1200 m
Rotating w/o receiver / \varnothing	40 m	60 m	40 m
Scanning w/o receiver / radius	40 m	60 m	60 m
Scanning	4 step	4 step	4 step
Laserdot mode	yes	yes	yes
90° plumb beam up	yes	yes	yes
Slope setting manual X-Axis	$\pm 5^\circ (\pm 9\%)$	$\pm 5^\circ (\pm 9\%)$	$\pm 5^\circ (\pm 9\%)$
Y-Axis	$\pm 5^\circ (\pm 9\%)$	$\pm 5^\circ (\pm 9\%)$	$\pm 5^\circ (\pm 9\%)$
Auto self-level of opposite axis	yes	yes	yes
Automatic TILT function	yes	yes	yes
VWS-Function	yes	yes	yes
Working range remote control	IR 100 m	IR 100 m	IR 100 m
Remote control function (on/off)	yes	yes	yes
Rotating speed rpm	300, 800	300, 800	300, 800
Operating time	50 h Li-Ion	40 h Li-Ion	30 h Li-Ion
Temperature range	-20° to +50°C	-20° to +50°C	-20° to +50°C
Protection class	IP 66	IP 66	IP 66



SET

FL 265HV (LC 2) + FR 45 + FS 50-M + TN 15

ART.-NO. 242021-S01



SET

FL 265HV (LC 2) + FR 77-MM + FS 50-M + TN 15

ART.-NO. 242098-S01

