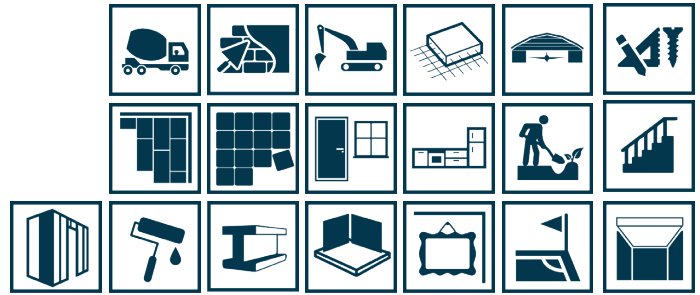


# FL 275HV-TRACKING

## The alignment pro



TECHNICAL DATA	FL 275HV TRACKING	FEATURES
Self-levelling	horizontal/vertical	<ul style="list-style-type: none"> <li>· TRACKING function for automatic axis alignment horizontal and vertical</li> <li>· The laser plane is automatically centred to the receiver "on-grade"</li> <li>· Easy one-button operation of TRACKING function</li> <li>· Working range of TRACKING function 110 m</li> <li>· mm-indicating Receiver FR 77-MM TRACKING</li> <li>· Vertical: in both X and Y axis</li> <li>· Horizontal: one axis X or Y, opposite axis self-levelled</li> <li>· Dust / water protection IP 66</li> <li>· High accuracy of <math>\pm 0,5 \text{ mm} / 10 \text{ m}</math></li> <li>· Working range 400 m diameter</li> <li>· Enhanced scanning functions with small increments and a range up to 180°</li> <li>· Permanent 90° beam for right angles</li> <li>· Automatic TILT alarm function</li> <li>· VWS function (Vibration-Wind-Security)</li> <li>· Auto-shut-off when out of level</li> <li>· Remote control function on/off: to avoid interference with other remote controls or mobile devices</li> <li>· Manual slope setting of X and Y axis or auto self-level of opposite axis</li> <li>· Floor mount with centring mark for accurate set up above a ground point</li> <li>· Li-Ion battery technology</li> </ul>
Grade	manual	
Self-levelling range	$\pm 5^\circ$	
Laser class	2	
Visible laser beam	red	
Accuracy horizontal	0,5 mm / 10 m	
Accuracy vertical	1,0 mm / 10 m	
Working range with receiver $\emptyset$		
*with FR 77-MM TRACKING	400 m	
Rotating w/o receiver / $\emptyset$	40 m	
Scanning w/o receiver / radius	40 m	
Tracking function	yes	
Working range tracking function	110 m	
Scanning	4 step	
Laserdot mode	yes	
90° plumb beam up	yes	
Slope setting manual X-Axis	$\pm 5^\circ (\pm 9\%)$	
Y-Axis	$\pm 5^\circ (\pm 9\%)$	
Auto self-level of opposite axis	yes	
Automatic TILT function	yes	
VWS-Function	yes	
Working range remote control	IR 100 m	
Remote control function (on/off)	yes	
Rotating speed rpm	300, 800	
Operating time	50 h Li-Ion	
Temperature range	-20° to +50°C	
Dust / water protection	IP 66	

### SUPPLIED WITH

FL 275HV TRACKING + FR 80-MM TRACKING

ART.-NO. 242701

- Receiver FR 80-MM TRACKING with clamp for levelling staff
- Remote control
- Rechargeable batteries
- Charger
- Battery case for alkaline batteries
- Floor mount
- Magnetic target
- Laser glasses
- Carrying case