

LINE LASER PENDULUM TYPE EXTRA BRIGHTNESS P series



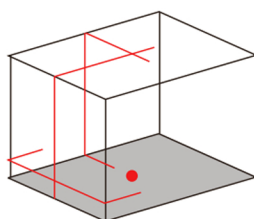
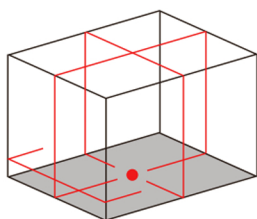
P-410EX



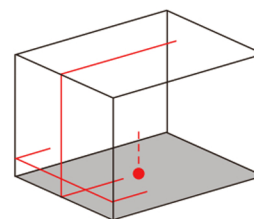
P-210EX



P-110EX



Laser line



LET-B



TL-RE

FEATURES

- Extra brightness laser line & high-power output (Class 2M, 4.5mW)
- Adjusting screw covers 360 degree rotation
- Laser detector is available (TL-RE : as option)
- Compact body & light weight
- IP 54 (except batteries box part)

SPECIFICATIONS

- | | | | |
|------------------------------|---|------------------------------|--------------------------|
| • Laser source | : Visible red laser diode | • Accuracy | |
| • Wavelength | : 635nm / 650nm for down point | • Circular level | : 60' / 2mm |
| • Output power | : 4.5mW | • Horizontal & vertical line | : +/-1.0mm / 7m |
| • Width of laser line | : Less than 1.5mm per 5m | • Upper cross point | : +/-1.0mm / 3m |
| • Fan shaped angle | : 110 degree (horizontal), 90 degree (vertical) | • Down point | : +/-1.0mm / 1m |
| • Brake system | : Magnetic brake system | • Down point diameter | : 1.5 mm dia./ 1m |
| • Rotation system | : +/-360 degree (by adjusting screw) | • Mechanism | : X / Y gimbal system |
| • Operating range | : 10m or 20m with detector | • Self leveling range | : More than +/-2.1° |
| • Operating temperature | : -10°C ~ + 40°C | • IP | : IP54 |
| • Continuous operating time | : Approx. 3.5h (P-410EX) / 5.5h (P-210EX) / 6h (P-110EX) | • Power supply | : 3 x alkaline batteries |
| • Weight (without batteries) | : Approx. 900g (P-410EX) / 880g (P-210EX) 870g / (P-110E) | • Dimensions | : 110 x 115 x H165 |
| | | • IEC laser class for safe | : Class 2M |

ACCESSORIES

Carrying case, 3 x alkaline batteries (for test use)

CODE NO.	MODEL	REMARKS
219300	P-410EX	Compact line-laser P-EX series
219301	P-210EX	Compact line-laser P-EX series
219302	P-110EX	Compact line-laser P-EX series



1	TRIPOD
2	PRISM
3	POLE
4	STAFF
5	GPS
6	SURVEYING INSTRUMENT
7	SURVEYING ACCESSORY
8	MEASURING TOOL
9	TESTING SECURITY