



Fixturlaser XA

new technology for laser alignment

The Fixturlaser XA uses CCD-technology for maximum speed and highest quality of measurement results. The new technology always provides an exact measurement result, independent of where the laser beam strikes the detector.

FIXTURLASER XA - COMPLETE SYSTEM*

Weight (incl. all standard parts):	7,9 kg (17,42 lbs)
Storage Temperature:	-20 to 70°C (-4 to 158°F)

CASE

Material:	High Impact ABS Plastic
Sealing:	Dust, water (5m/16 feet), and air tight with air pressure compensation valve
Drop Test:	3 m (10 feet) onto concrete floor
Dimensions:	460 mm x 365 mm x 185 mm (18,1 in x 14,4 in x 7,3 in)

DISPLAY UNIT

Housing Material:	Anodized aluminum and high impact PC/ABS plastic over molded with TPE rubber
Operating Temp:	0 to 40°C (32 to 104°F)
Relative Humidity:	10 – 90%
Weight:	1,5 kg (3,31 lbs) with batteries
Dimensions:	244 mm x 188 mm x 55 mm (9,6 in x 7,4 in x 2,1 in)
Environmental Protection:	IP 65
Processor:	Intel X-Scale, 400 MHz
RAM:	64Mb
Flash Storage Memory:	128Mb
Display:	Color TFT-LCD backlit with wide angle viewing technology
Display Size:	6,4" diagonal (131 x 98 mm)
Display Resolution:	Full VGA 640x480 pixels
Color Depth:	262 000 colors
Interface:	6,4" polyester laminated touch screen with enhanced transmission
External Interface:	2 RS-485
	1 USB host port, 1.5 / 12 Mbps, OHCI v1.0 compliant
	1 USB slave port, 12 Mbps
	1 Ethernet 10/100BaseT RJ45
	Optional Class II Bluetooth transmitter with multi-drop capability
Power Supply:	Dual high performance rechargeable Li-Ion batteries and external power supply
Operating Time:	20 hours typical use
LED Indicators:	Unit status and battery status indicators

MEASURING UNITS

Housing Material:	Anodized aluminum and high impact PC/ABS plastic over molded with TPE rubber
Operating Temp:	0 to 50°C (32 to 122°F)
Relative Humidity:	10 – 90%
Weight:	186 g (6,6 oz)
Dimensions:	79 mm x 77 mm x 33 mm (3,1 in x 3,0 in x 1,3 in)
Environmental Protection:	IP 65
Laser:	650 nm class II diode laser
Laser Line Fan Angle:	6°
Laser Power:	< 1 mW
Measurement Distance:	Up to 10 m (33 feet)
Detector:	CCD
Detector Length:	30 mm (1,2 in)
Detector Resolution:	1 µm (0,04 mils)
Measurement Accuracy:	0,3% ± 7 µm (0,3% ± 0,27 mils)
Ambient Light Protection:	Optical filtering and sunlight signal suppression
Inclinometer Resolution:	0,1°
Inclinometer Accuracy:	±0,5°
LED Indicators:	Laser transmission and status indicators
Laser Safety:	See yellow label below

SHAFT BRACKETS

Fixture:	V-fixture for chain, width 18 mm (0,71 in)
Material:	Anodized aluminum
Shaft Diameter:	Ø 20-450 mm (3/4 in -18 in)
Rods:	4 pcs 85 mm (3,4 in) and 4 pcs 160 mm (6,3 in) extendable to 245 mm (9,6 in)

CABLES

Length:	2 pcs 3 m (10 feet)
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WIRELESS PACKAGE - OPTIONAL EQUIPMENT

Housing Material:	PC/ABS plastic
Operating Temp:	0 to 50°C (32 to 122°F)
Weight:	60 g (2,1 oz) without batteries
Dimensions:	97 mm x 47 mm x 36 mm (3,8 in x 1,85 in x 1,4 in)
Wireless Communication:	Class II Bluetooth transmitter
Power Supply:	3 AA (LR6) batteries
Operating Time:	8 hours continuously
LED Indicators:	Transmitter and battery status indicators

* NOTE! Specifications may change without prior notice.



The case is made of extra durable ABS plastic, and is water and air tight. The lightweight case is easy to handle. Straps are available for either shoulder or back-pack carrying options. The fixtures and measuring units are pre-mounted in the case.

- Easy to use
- Space for pre-mounted fixtures
- Air and water tight
- Shoulder strap (option)
- Back-pack straps (option)