

FIXTURLASER XA

Weight (incl. all standard parts): 7,9 kg
Storage Temp: -20 to 70°C

CASE

Material: High Impact ABS Plastic
Sealing: Dust-, water- (5m), and airtight with air pressure compensation valve
Drop Test: 3 m onto concrete floor
Dimension: 460 mm x 365 mm x 185 mm

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 104,00°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
Colour 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
1 USB slave port, 12 Mbps compliant
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 state and battery state 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 (6,56 oz) with batteries
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
Measurement Accuracy: 0,3% ± 7 µm
Ambient Light Protection: Optical filtering and sunlight signal rejection
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"-18")
Rods: pcs 85 mm and 4 pcs 160 mm (extendable to 245 mm)

CABLES

Length: 2 pcs 3 m (10 feet)

OPTIONAL EQUIPMENT

Wireless package:

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: 5 hours continuously
LED Indicators: Transmitter and battery status indicators