

## FIXTURLASER GO Pro

### FIXTURLASER GO Pro - COMPLETE SYSTEM

Weight (incl. all standard parts): 6.8 kg (15 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) on to concrete floor  
 Dimensions: 400 x 320 x 170 mm (15.7 x 12.6 x 6.7 inch)

#### DISPLAY UNIT

Housing material: High impact ABS plastic and TPE rubber  
 Operating temperature: -10 to 60°C (14 to 140°F)  
 Storage temperature: -20 to 70°C (-4 to 158°F)  
 Relative humidity: 10 – 90%  
 Weight: 0.7 kg (1.54 lbs) with batteries  
 Dimensions: 205 mm x 116 mm x 56 mm (8.1 in x 4.6 in x 2.2 in)  
 Environmental protection: IP 54  
 Flash storage memory: 500 MB  
 Display: Color TFT-LCD backlight  
 Display size: 4" diagonal (84 x 56 mm)  
 Display resolution: 400 x 272 pixels  
 Color depth: 16 000 000 colors  
 Interface: Membrane Switch Keyboard  
 Peripherals: 1 USB slave port  
 Wireless communication: Class I Bluetooth transceiver with multi-drop capability  
 Power supply: 3 x 1.5V LR-14 (C) Alkaline batteries or 1.2V NiMH HR-14 Rechargeable Nickel Metal Hydride cells  
 Operating time: 30 hours typical use  
 LED indicator: Green/Red

#### MEASURING UNITS

Housing Material: Anodized aluminum and high impact ABS plastic over molded with TPE rubber  
 Operating Temp: -10 to 60°C (14 to 140°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 20 mm (0,79 in)  
 Material: Anodized aluminum  
 Shaft diameter: Ø 20 – 175 mm (3/4 in – 6,9 in)  
 With extension chains: Ø 20 – 450 mm (3/4 in – 18 in)  
 Rods: 4 pcs 160 mm (6,3 in)

**The Fixturlaser measurement units with the largest detector area, 30 mm!**

Compact measurement units that are easy to handle during assembly and measuring.



#### TRUE POSITION SENSING

- BOTH SHAFTS' POSITIONS MONITORED SIMULTANEOUSLY
- COMPOUND MOVES = MEASURE ONCE, MOVE IN TWO DIRECTIONS
- LIVE MEASUREMENT VALUES DURING ADJUSTMENT



#### ALIGNMENT INTELLIGENCE

- 30 MM CCD DETECTOR + LINE LASER = VIRTUALLY ELIMINATE ROUGH ALIGNMENT
- DIGITAL SIGNAL QUALITY CONTROL → EDGE DETECTION, SIDE SPOT REJECTION, AND AMBIENT LIGHT SUPPRESSION



#### GRAPHIC USER INTERFACE

- 3D ANIMATION
- COLOR CODED RESULT
- ICON BASED

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