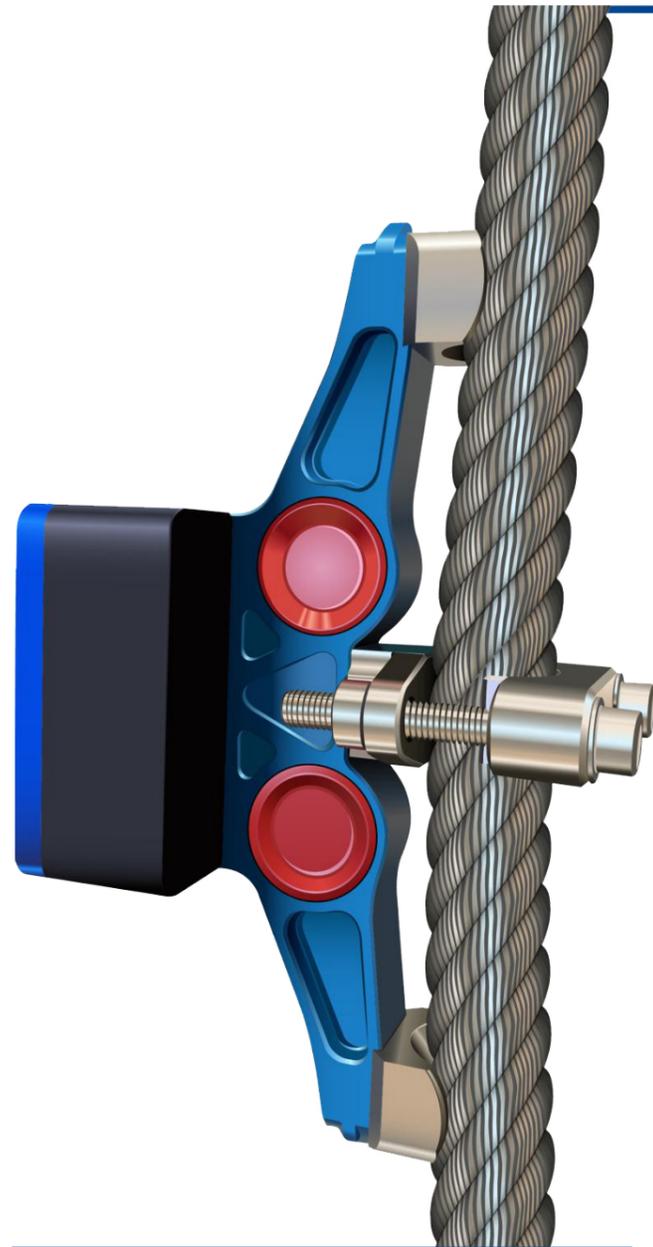


Wire rope tension meter (BOLT)



The Crosby Straightpoint Bolt-On-Line-Tensiometer or BOLT is a lightweight wire rope tension meter or shunt tension meter for fast and accurate measurement of tensions up to 20,000lbf / 10,000kgf and up to 1.25" / 32mm diameter wire ropes.

The BOLT is designed to be mounted permanently or temporarily on wire rope or cable installations to monitor the tension and transmit the load via 2.4GHz signal to three options of the receiver:

- **LoadConnect** - A base station allows connection to up to 16 BOLT load cells and transmits data via SMS messaging from any global location with 3G or 4G
- **SW-HHP** - Handheld display with a wireless range of 1000m or 3280ft to up to four BOLTs
- **INSIGHT** - Software multi-channel display and datalogging, connect 126 BOLTs within a wireless range of 700m or 2300ft

Sealed to IP67 or NEMA6 and constructed from aerospace-grade aluminium, the BOLT digital tensiometer is lightweight, easy to handle and operates on wires which are already under tension. Once installed it enables the operator to quickly check tension on cables or wire ropes set at any angle.

BOLT may be powered by the on-board AA batteries for up to 50 days of continuous measures at 3Hz or if needed to be fitted for longer periods or in remote sites may be powered via the LoadConnect base station via low voltage cables or solar battery pack solutions allowing for permanent power.

It is supplied inclusive of an SW-D dongle, to make on-the-spot calibrations to achieve greater accuracy of 2-3%; standard factory accuracy is 3-5%.

FEATURES & BENEFITS

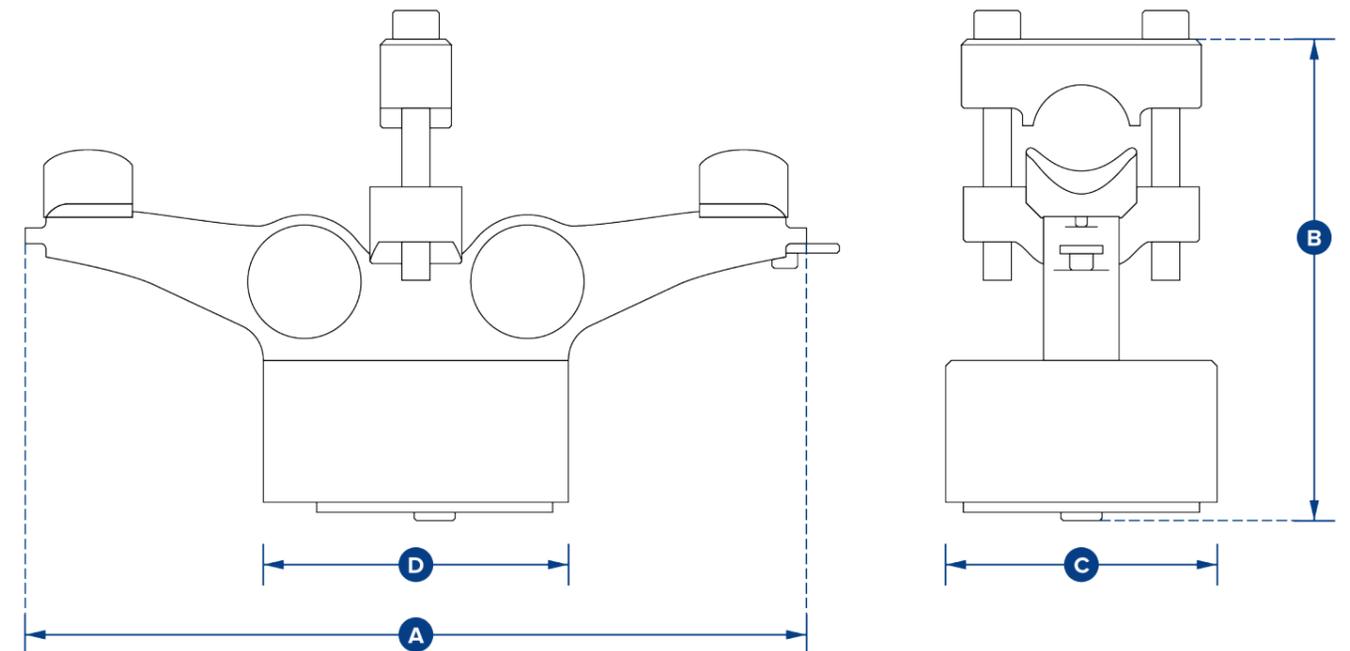
- Proprietary and secure 2.4 GHz Wireless
- Leading Wireless Range of 1000m/3280ft when connected to SW-HHP
- Multiple drop tested from 3 metres or 10 feet.
- Internal Antennae
- Remote On-Off from handheld display or software
- Weatherproof proof allowing mounting in a permanent position on a wire rope or cable

SUPPLIED WITH THE FOLLOWING

- Calibration certificate
- Multi-lingual user manual
- USB Dongle and calibration software
- Carry case

WARRANTY & ASSURANCE

- 2-year warranty
- Design validated by F.E.A.



APPLICATIONS

- Guy wire maintenance and monitoring on cell towers, bridges, flare stacks, antennas and masts.
- Guy wire Tower Plumb and Tension
- EHS guy wire, Turnbuckle tensioner.
- Architectural wire rope installations
- Median cable barrier tensioning
- Utility cable overhead line monitoring
- Governor & compensating wire rope maintenance
- Zip lines & assault course testing
- Metro, tram and rail transit electric wires & catenary testing
- Ski lifts
- Tensioned trellis systems

Part Number	BOLT10T
Crosby Part	2789573
Max load	10,000 kgf
	22,000 lbf
Resolution	0.01te
	20 lb
Units	kg, lb, tonne, kN
Min wire rope diameter	16 mm
	5/8 in
Max wire rope diameter	32 mm
	1 1/4"
Weight	2.1 kg
	4.6 lb
On-board battery type	4 x AA cell batteries
Battery life	50 days
Operating temp	-10 to +50 °C / 14 to 122°F
Protection	IP67 / NEMA6
Accuracy	Typically 3-5%
Communication	2.4GHz
Dimension A	259
	10.20
Dimension B	159.1
	6.26
Dimension C	89
	3.50