

The Crosby Straightpoint COLT is a lightweight wire rope tension meter, for fast and accurate measurement of tensions up to 11,000lb or 5000 kg and up to 1" or 25mm diameter.

Manufactured using an integral, high accuracy, Bluetooth module, the COLT transmits load data wirelessly to any smart device running our free Android or iOS app.

Constructed from aerospace grade aluminium, the COLT digital tensiometer is lightweight and easy to handle. Its main operational application is to be attached to wires/cables that are already under tension. Once in place, it allows the operator to quickly check tension on cables or wire ropes set at any angle.

A built-in magnetic smart device holder allows the COLT to be used as a traditional tension meter with on board display, or the smartphone can be handheld or mounted elsewhere.

Supplied in a purpose made carry case, the COLT is portable and utilises standard alkaline batteries, making it perfect to carry out on-site cable tension testing anywhere in the world.

An included calibration verification tool (CVT) allows the operator to self-check and verify calibration accuracy, in the field, if required.

FEATURES & BENEFITS

- Unlimited wire rope calibration database
- Main swivel joints fitted with high-quality bearings
- Lever ratio of 5.3:1 allows effortless, safe, clamping onto pre-tensioned wire ropes
- Wireless Bluetooth 4.2 range up to 100 metres or 328 feet
- Quick intuitive adjustable centre sheave makes changing wire rope sizes fast and easy
- No easily broken external antennae
- IP67 or NEMA6 for all weather use
- Massive battery life of 1000 hrs operational time

Wire rope Mode:

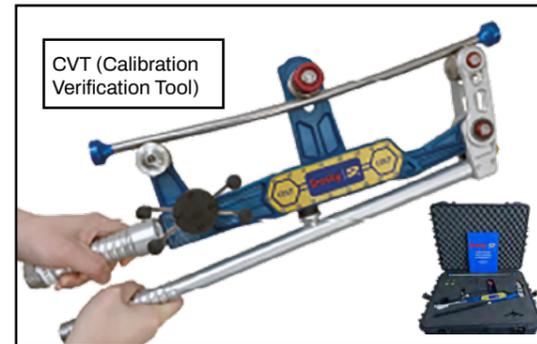
- Records GPS coordinates
- Logs the local temperature and windspeed from local NOAA
- Ability to also allow elevation of wire rope to be inputted into log
- Camera - take a snapshot of your job to attach to the report

Elevator Mode:

- Car weighing – measure tension on each cable
- Car balancing – calculates balance of 4 cables for adjustment of tension

Applications:

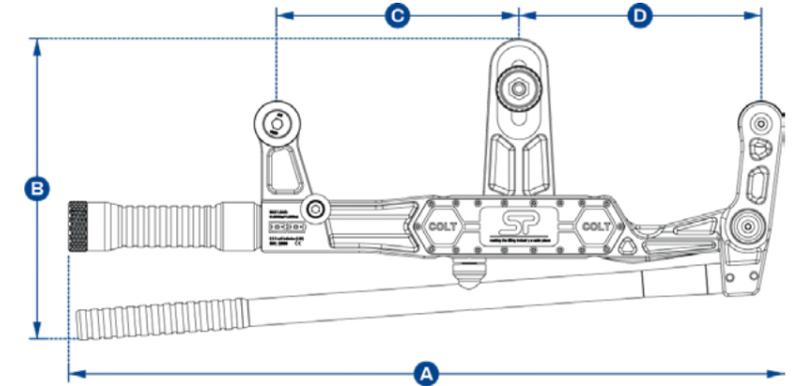
- Guy wire maintenance on cell towers, bridges, flare stacks, antennas and masts
- Guy wire Tower Plumb and Tension
- EHS guy wire, Turnbuckle tensioner
- Wire rope installations, comparing, equalising and measuring
- Architectural wire rope installations
- Median cable barrier tensioning
- Utility cable overhead line monitoring
- Elevator hoist, governor and compensating wire rope maintenance
- Zip lines and assault course testing
- Fall arrest systems
- Metro, tram and rail transit electric wires, and catenary testing
- Ski lifts
- Wire rope tie downs on vessels (using Tirfor)
- Tensioning of ship mast wire ropes.
- Tensioned trellis systems
- Measuring Line Sag
- Elevator installation and maintenance



Included:

CVT (Calibration Verification Tool). In order to ensure that the measurements of the COLT are as accurate as possible, Crosby SP supply a calibration verification rod, specifically designed for this purpose. All supplied in a robust carry case.

Free to download App



SP Model	COLT5T
Crosby Part	2789000
Max load	5,000 kgf 11,000 lbf
Resolution	10 kg 20 lb
Units	kg, lb, tonne, and kN
Min wire rope ø	5 mm 3/16"
Max wire rope ø	25 mm 1"
Max line reduction	5 mm with ø 10 mm wire rope 7/32" with ø 3/8 in wire rope
Wire rope database	Infinite via Android or iOS app
Weight	3.5kg 7.7lb
Battery Type	2 x 'C' cell batteries
Battery life	1000 hours Bluetooth transmission time
Operating temperature	-25 to +70°C / -13F to 158°F
Protection	IP67/NEMA6
Accuracy	+/- 3% of wire rope max range if ø & construction known
Communication	Bluetooth 4.2
Supported OS version	Android 4.4 onwards & iOS 8 onwards
Dimension A	589 mm 23.2"
Dimension B	254 mm 10"
Dimension C	200 mm 7.9"
Dimension D	200 mm 7.9"

Specifications assume COLT used on a wire rope with a fixed and flexible end