

CT Wave and Tidal Series Ultrasonic Measurement



CanTorque Inc.
www.cantorque.com



CT Wave

Ultrasonic Measurement

Features

CT Wave is the first cost-effective Ultrasonic Measurement system designed to effectively monitor your fasteners during assembly as well as over time. CT Wave can measure the elongation very accurately in fasteners of virtually any material from 30cm to 2.4m in length.

Weight 380g
Width 63.5mm
Height 165mm
Depth 31.5mm



CT Tidal

Ultrasonic Measurement

Features

CT Tidal incorporates all the great features of the CT Wave with some added benefits in terms of features, hardware, speed and length. CT Tidal very accurately measures fasteners up to 30m in length.

Weight 2.04kg
Width 216mm
Height 165mm
Depth 70mm



Transducer Types

- Single element (1 MHz to 10 MHz & 1/8" to 1" diameters)
- Standard 3 meter cable
- Custom transducers available for special applications
- Temperature probe for automatic temperature compensation

Measuring Range

- Time—Nanoseconds
- From 25-244 cm bolts
- Elongation—Change in length (mm)
- Load—Force load applied (kPSI or MPa)
- Stress—Force for unit area stress applied (millimeters per millimeter)

Units

- Imperial & Metric
- Fahrenheit & Celsius

Operating Temperature

- 10° to 60°C

CT® Authorized Distributor



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