

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 1/2" to 8" in length.

Weight 13.5oz
Width 2.5"
Height 6.5"
Depth 1.24"



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 100' in length.

Weight 4.5lbs
Width 8.5"
Height 6.5"
Depth 2.5"



Transducer Types

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

Measuring Range

- Time—Nanoseconds
- From 1" - 98" bolts
- Elongation—Change in length (inch)
- Load—Force load applied (kPSI or MPa)
- Stress—Force for unit area stress applied (inches per inch)

Units

- Imperial & Metric
- Fahrenheit & Celsius

Operating Temperature

- 14° to 140°F

CT® Authorized Distributor

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