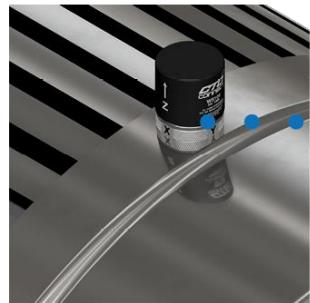




2025
YEAR IN REVIEW
A YEAR OF INNOVATION

Launches and Updates

New Connect Line Wireless Solutions



ConnectSens™
Wireless Sensor



ConnectBridge™
Wireless Gateway



Your
Network Switch



ConnectView™
Web App
or Your Own
OEM Software

New ConnectSens™ Wireless Sensors

With the industry's best Bluetooth® line-of-sight range and a money-saving user-replaceable battery



WS100 Series

Wireless triaxial overall vibration signal sensor and temperature output, 2,100 ft. (640 m) line-of-sight range



WS200 Series

Wireless single-axis sensor with dynamic vibration signal capture and temperature output, 1,200 ft. (366 m) line-of-sight range



WS300 Series

Wireless triaxial sensor with dynamic vibration signal capture and temperature output, 1,200 ft. (366 m) line-of-sight range





ACCESS360

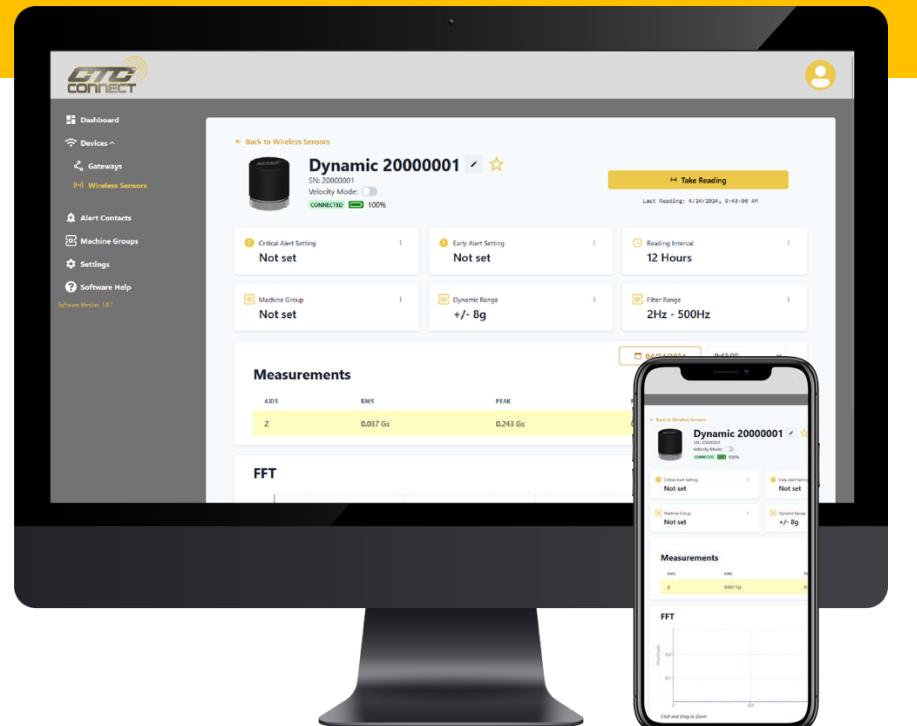
Wireless gateway and network controller with expandable onboard storage, preloaded with ConnectView™ Web App for basic vibration monitoring management tools and device management

New ConnectBridge™ Wireless Gateway

Supports unlimited sensor inputs – mix and match any quantity of WS Series sensors
(please note, more than 20 concurrent sensor inputs may lead to decreased data acquisition time)



New ConnectView™ Web App Features



**WebSocket
Protocol**

**MQTT
Protocol**

**Modbus
Protocol**

**Velocity
Mode**





VE801

Top exit CSA North America Class 1, Division 2 and IECEx/ATEX Zone 2 approved sensor, 100 mV/in/sec, $\pm 10\%$ sensitivity tolerance



VE802

Side exit CSA North America Class 1, Division 2 and IECEx/ATEX Zone 2 approved sensor, 100 mV/in/sec, $\pm 10\%$ sensitivity tolerance



VE901

Top exit CSA North America Class 1, Division 1 and IECEx/ATEX Zone 0,1 approved sensor, 100 mV/in/sec, $\pm 10\%$ sensitivity tolerance



VE902

Side exit CSA North America Class 1, Division 1 and IECEx/ATEX Zone 0,1 approved sensor, 100 mV/in/sec, $\pm 10\%$ sensitivity tolerance

New Hazardous Rated Piezo Velocity Sensors

New Negative Voltage Accelerometer

- With cost-effective $\pm 15\%$ sensitivity tolerance
- Comparable to Bently Nevada 330400



AC162-1A
Top exit, 100 mV/g, $\pm 15\%$ sensitivity tolerance

ATEX

IECEx

CSA
North America

Hazardous Ratings Updated to Latest Standards

ATEX, IECEx, and CSA North America certificates have all been updated to ensure compliance with the latest standards and requirements for Intrinsically Safe and Zone 2 / C1, D2 applications



Added Dust Protections

For all existing IECEx, ATEX, and North America Intrinsically Safe and Zone 2 / C1, D2 accelerometers

Intrinsically Safe

Ex ib IIIC T135°C...T143°C Db

Zone 2 / C1, D2

Ex tc IIIC T135°C Dc

IECEx CSA 240015X

Ex ec IIC T* C °Gc

Ex tc IIIC T135 °C Dc

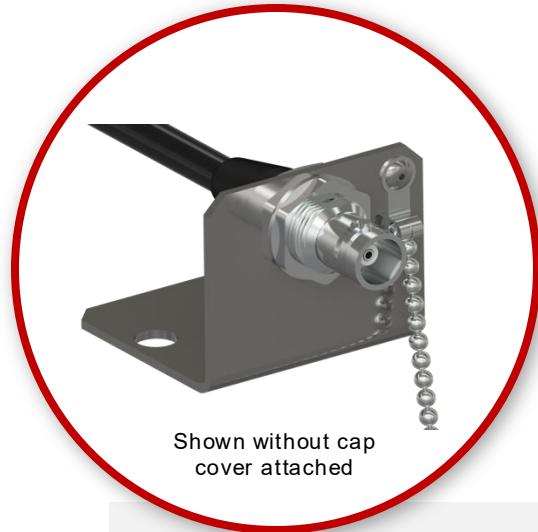
New IECEx Zone 2 Certificate

For all existing IECEx, ATEX, and CSA
North America Intrinsically Safe
and Zone 2 / C1, D2 accelerometers



New EB Connector

Designed for low cost,
permanent installations



Shown without cap cover attached



Shown with cap cover attached

EB Connector

BNC "E" style jack flange mount connector
fastened to bracket for low-cost
installations; includes cap cover and chain
for protection when not in use



MH107-5A

Quick disconnect receptacle with M6
adjustable orientation integral stud
mounting bolt

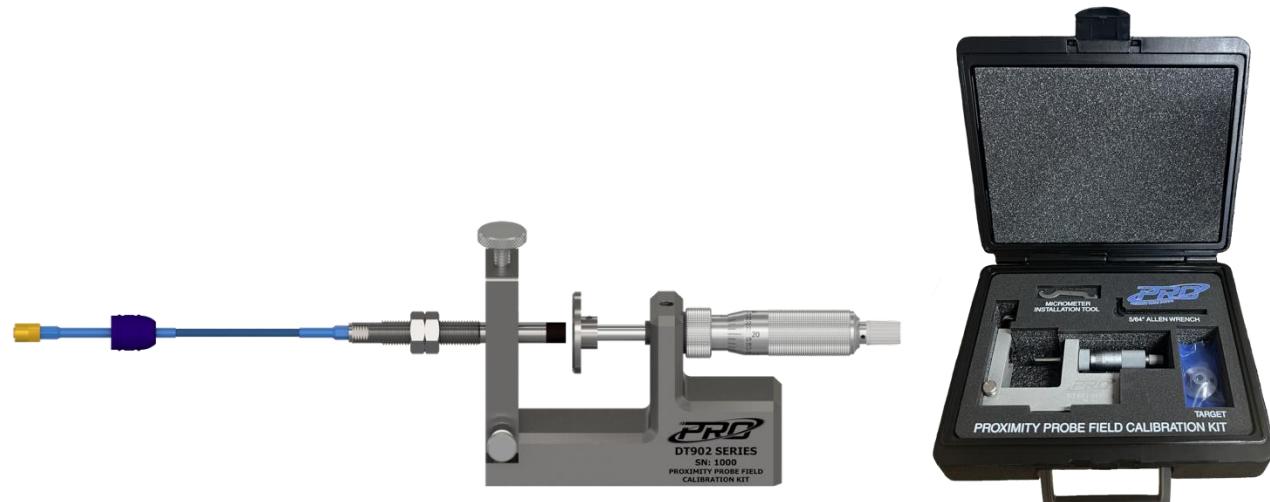
New M6 Quick Disconnect

Designed for use with M6 Wireless
Sensors; not compatible with
Standard CTC Wired or Wireless
Triaxial Accelerometers

Popularly used with Sensoteq sensors

New Low Cost Proximity Probe Field Calibration Kit

Portable calibration kit designed for use with standard probe sizes including FFV, 8 mm, or 11 mm casings



DT902
Includes your choice of calibration material target;
comes in a protective carrying case

CTC



Signal Conditioner Configuration Software

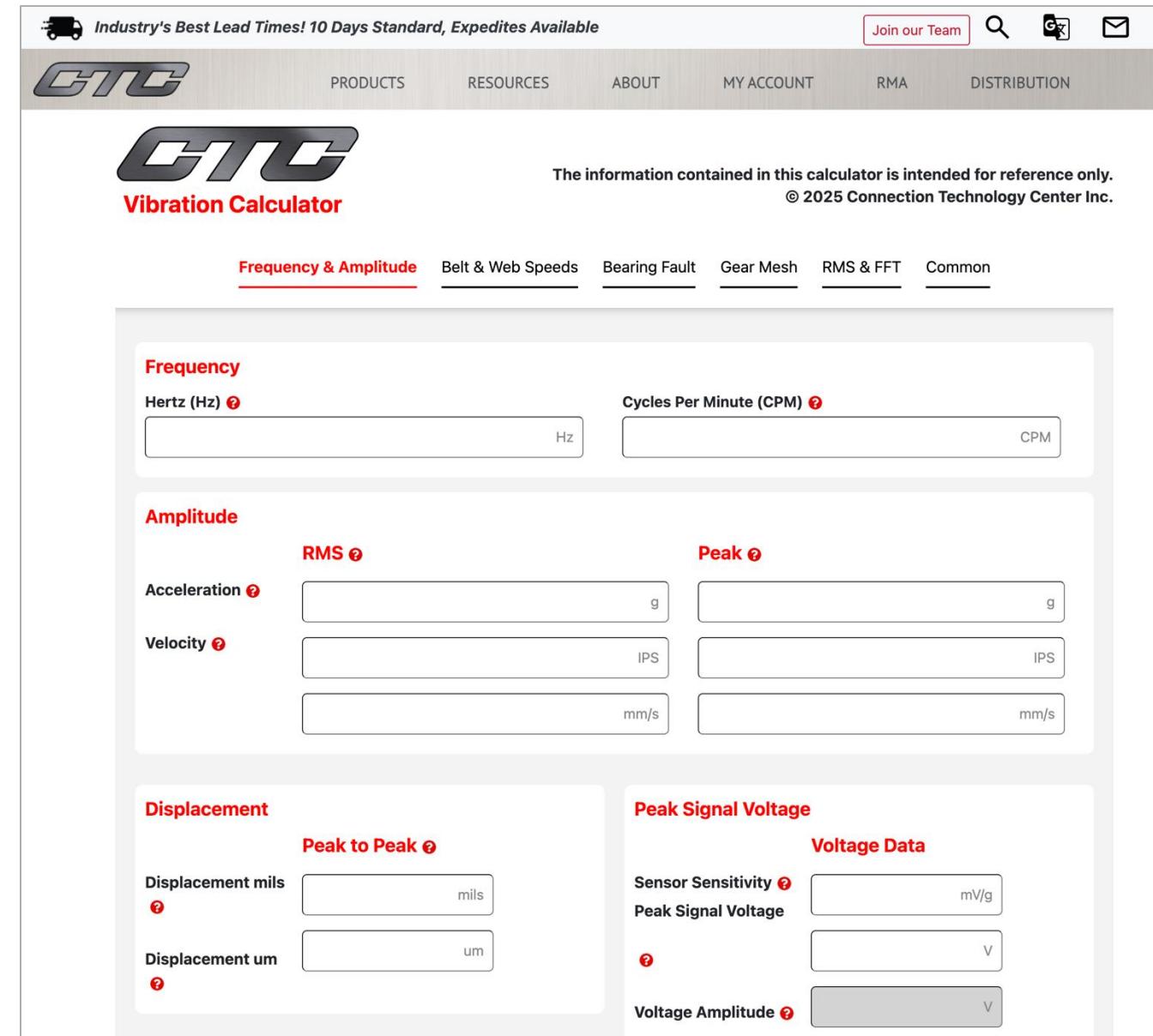
Improved Signal Conditioner Software

- Updated user-friendly UI
- Convenient auto-prompt to update to the latest firmware version
- New factory reset functionality – allows you to reset your signal conditioner from “bricked” error state



Improved Vibration Calculator

- Updated user-friendly UI
- Now available as a web-based application – no download required



The screenshot shows the CTC Vibration Calculator interface. At the top, there is a banner with the text "Industry's Best Lead Times! 10 Days Standard, Expedited Available" and a "Join our Team" button. The CTC logo is prominently displayed. The main navigation menu includes links for PRODUCTS, RESOURCES, ABOUT, MY ACCOUNT, RMA, and DISTRIBUTION. Below the menu, the title "Vibration Calculator" is shown, along with a note: "The information contained in this calculator is intended for reference only. © 2025 Connection Technology Center Inc." The calculator interface is divided into several sections: "Frequency & Amplitude" (selected), "Belt & Web Speeds", "Bearing Fault", "Gear Mesh", "RMS & FFT", and "Common". The "Frequency" section contains fields for "Hertz (Hz)" and "Cycles Per Minute (CPM)". The "Amplitude" section contains fields for "RMS" and "Peak" under "Acceleration" and "Velocity". The "Displacement" section contains fields for "Peak to Peak" under "Displacement mils" and "Displacement um". The "Peak Signal Voltage" section contains fields for "Sensor Sensitivity" and "Peak Signal Voltage" under "Voltage Data". The "Voltage Amplitude" field is also present. Each input field includes a unit indicator (e.g., Hz, CPM, g, IPS, mm/s, mV/g, V) and a question mark icon for help.

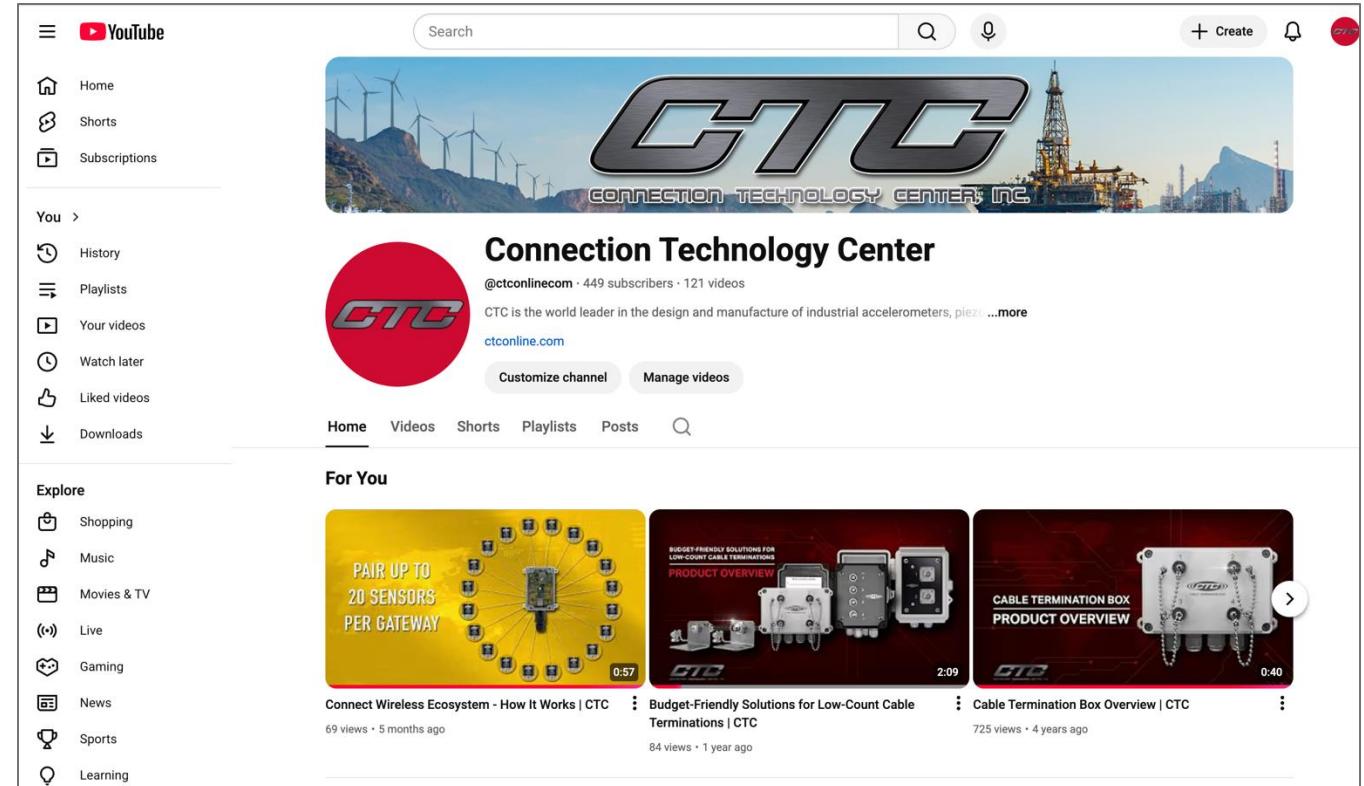


Other Resources

New Videos Regularly Posted On Our YouTube Channel

Visit our YouTube Channel
for the latest video content
including tech tips, product
overviews, tutorials, and
much more

 **YouTube** @ctconlinecom



YouTube

Search

Home Shorts Subscriptions

You >

- History
- Playlists
- Your videos
- Watch later
- Liked videos
- Downloads

Explore

- Shopping
- Music
- Movies & TV
- Live
- Gaming
- News
- Sports
- Learning

Connection Technology Center

@ctconlinecom · 449 subscribers · 121 videos

CTC is the world leader in the design and manufacture of industrial accelerometers, piez... [more](#)

ctconline.com

Customize channel Manage videos

Home Videos Shorts Playlists Posts

For You

- PAIR UP TO 20 SENSORS PER GATEWAY
- BUDGET-FRIENDLY SOLUTIONS FOR LOW-COUNT CABLE TERMINATIONS PRODUCT OVERVIEW
- CABLE TERMINATION BOX PRODUCT OVERVIEW

Connect Wireless Ecosystem - How It Works | CTC

69 views · 5 months ago

Budget-Friendly Solutions for Low-Count Cable Terminations | CTC

84 views · 1 year ago

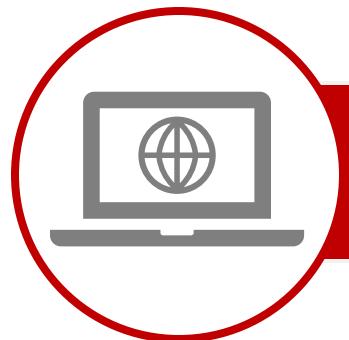
Cable Termination Box Overview | CTC

725 views · 4 years ago



Connect with CTC

We look forward to hearing from you



www.ctconline.com



(585) 924-5900



sales@ctconline.com



Connection Technology Center