

Proper Tensioning Can Improve Belt Life

The number one cause of power transmission belt failure is improper tensioning

TensionRite® Belt Frequency Meter from the trusted brand of Continental ContiTech provides a simple, repeatable and reliable method for tensioning belts using optical technology. It displays the natural vibration frequency of a belt strand so you can closely monitor belt tension. The device calculates the corresponding belt tension in either English or SI units.

Features and Benefits

Quartz crystal based solid-state circuitry

- › Little, if any, calibration required*
- › No gain adjustment, filters or alternate sensor heads required

Direct rather than indirect measurement of vibration frequency

- › Senses movement of the belt, not the disturbances of the air adjacent to the belt
- › Unaffected by ambient noise level or air currents

Meter range matches “real life” belt installation parameters

- › The fundamental vibration frequency of most commonly used power transmission belts trends to the low end of the scale (<400Hz)
- › Meter can be used with all belt types



*Individual requirements may dictate the need for re-calibration to meet overall quality procedures.

WARNING: Injury, death, property damage and/or equipment failure may result from misuse or misapplication of the products featured in this publication. The information in this publication is provided "AS IS," WITHOUT WARRANTY OF THE INFORMATION'S ACCURACY OR THE PRODUCTS' SUITABILITY FOR ANY PARTICULAR USE.

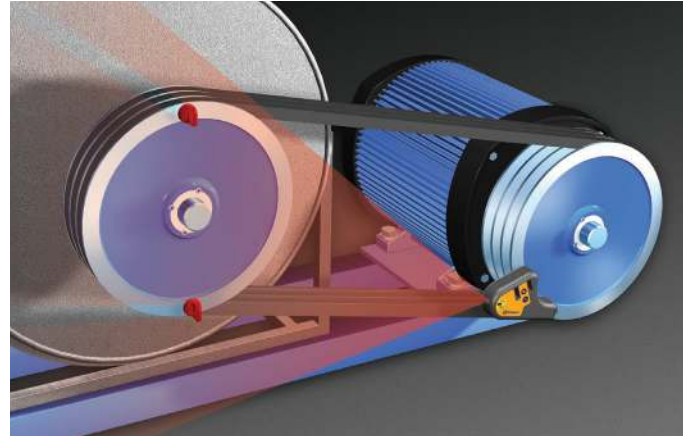
Contact your Distributor or visit us on the web at www.contitech.us.

Laser Alignment Tool

Proper alignment can improve the efficiency of your operation

This unique Laser Alignment Tool from Continental ContiTech quickly aligns drive components, helping to improve efficiency and reduce costly maintenance.

- › Detects both radial and axial misalignment
- › Easier to use than conventional methods of misalignment detection
- › Affixes to most pulley and sprocket types
- › Also suitable for nonmagnetic pulleys and sprockets
- › Single-operator friendly



Easy for the user

The Continental ContiTech Laser Alignment Tool is fast, convenient and attaches in a few seconds, delivering a highly visible sight line. When the laser line lies within the target openings, the pulleys and sprockets are correctly positioned. The result is a fast and precise alignment.

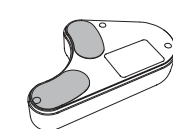
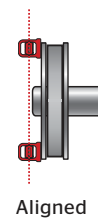
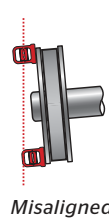
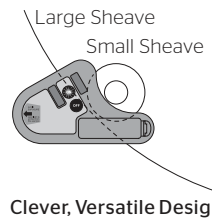
Power transmission belts, including synchronous, V-belts, flatbelts, etc., can be aligned equally well. The smart design of the magnetic attachment surface also allows for alignment of both small and large sheaves. For nonmagnetic pulleys, double-sided tape can be used to affix the Laser Alignment Tool for an added range of applications.



Technical Specifications

Laser Transmitter

Pulley Diameters	2.5 inches [60mm] and larger
Measurement Distance	33 feet [10m]
Battery Type	1xR6 (AA) 1.5 V (2 batteries included)
Battery Operation	>8 hours continuously
Laser Class	2
Output Power	<1 Mw
Laser Wavelength	635-670 nm
Housing Material	ABS plastics
Backplate	Hard anodized aluminum
Dimensions	WxHxD: 5.8x3.4x1.1 inches [145x86x30mm]
Weight	8.6 oz. [0.27kg]
Targets	3 pieces magnet targets (one spare target included)
Calibration	The laser line generated by the tool is calibrated parallel to the reference surface. Accuracy: Offset <0.008 inch [0.2mm], Parallelity <0.05°



Magnetic Attachment



Small, Padded Transportation Bag Fits Easily in Any Tool Case



Belt Strap on Back Side

Contact your Distributor or visit us on the web at www.contitech.us. 1-800-235-4632 • Fax: 1-800-762-4017

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