

# Tension Your Belts at the SPEED OF LIGHT!

## Carlisle's new Frequency-Finder™ Laser-Operated Belt Frequency Tensioner

The Carlisle Frequency-Finder (part number 109061) is an electronic measuring instrument that precisely measures the static tension in Synchronous, V-Belts, and V-Ribbed belts. It consists of a hand-held, laser-operated sensor that is connected to a microprocessor that converts the signal from the sensor to a reading of Belt Vibration Frequency (Hz) on an LCD display.

The Frequency-Finder measures the natural frequency of vibration in the belt span. The frequency of vibration is directly related to the tension of the belt, i.e. the higher the frequency reading, the higher the belt tension. Its quick, easy and accurate!

### Includes:

- Carlisle's Drive Engineer Software
- 9-volt alkaline battery
- Protective carrying case
- User manual
- One year warranty
- Factory Calibrated

### For More Information Contact

Customer Service

U.S. (866) - 773-2926

Canada (866) - 797-2358

Email: [info@cptbelts.com](mailto:info@cptbelts.com)

[www.cptbelts.com](http://www.cptbelts.com)

**CARLISLE**

Power Transmission Products, Inc.

### SPECIFICATIONS

Measuring range 10 – 400 Hz

Digital sampling error < 1%

Indication error ± 1 Hz

Total error < 5%

Nominal temp. 68 °F (20 °C)

Operating temp. 50 to 122 °F (10 to 50 °C)

Max. storage temp. 23 to 158 °F (-5 to 70 °C)

Gauge body material Plastic (ABS)

Dimensions, body 3.15 in. x 4.96 in. x 1.47 in. (80 x 126 x 37mm)

Dimensions, case 8.9 in x 7.0 in x 2.0 in. (226 x 178 x 50mm)

Display 2-line LCD, 16 char./line

Free span length, max. 30 ft. (10 m)

Belt density, max. 10 kg/m

Power supply 9 volt alkaline battery