BELT TENSION TESTERS

FAST, ACCURATE TENSION READINGS
EASY-TO-USE
COMPACT & LIGHT
RoHS COMPLIANT

FEATURES:
- Suitable for multi-ribbed belts, V-belts and synchronous belts.
- Output reading measurable in hertz, pounds, kilograms and newtons.
- Frequency range from 10-5000 hertz.
- Measured accuracy: ± 1%.
- Variable frequency range filters.
- Auto gain control automatically adjusts meter sensitivity.
- LCD screen backlight.
- 20 memory registers for belt constants.

Testing tension with a spring tester requires muscle, a piece of string and at least three hands! The Sonic Tension Meter works on the theory that belts, like strings, vibrate at a particular natural frequency based on mass and span length. The meter converts this frequency into a measurement of tension.

To test tension:
1. Enter belt mass constant, belt width & span length into meter.
2. Hold meter to belt span, then strum belt to make it vibrate. The meter will measure the vibration and converts into belt tension.

OPTIONAL ACCESSORIES

PENCIL TYPE TENSION GAUGE
Maximum Deflection Force: 30 lbs