

PREVENTIVE MAINTENANCE TOOLS

Proper tension, installation and maintenance can extend belt life and reduce costly downtime. Some of Gates most popular preventive maintenance tools include:

SONIC TENSION METER - MODEL 508C

Product No. 7420-0508

For extremely accurate belt tension measurement, the Gates Sonic Tension Meter is an electronic device that measures the natural frequency of a free stationary belt span and instantly computes the static belt tension based upon the belt span length, belt width, and belt type. The Sonic Tension Meter can be used with synchronous and V-belts. Other features include:



- Output readings can be switched between pounds, kilograms, newtons and hertz.
- Auto gain control automatically adjusts meter sensitivity.
- Auto frequency range filters for background noise.
- Frequency range from 10 - 5,000 Hz.

PENCIL TYPE TENSION TESTER

Product No. 7401-0076

Maximum deflection force: 30 lbs. For use with all small V-belts and synchronous belts.



DOUBLE BARREL TENSION TESTER

Product No. 7401-0075

Maximum deflection force: 66 lbs. For use with all multiple V-belts and large synchronous belts.



FIVE BARREL TENSION TESTER

Product No. 7401-0079

Maximum deflection force: 165 lbs. For use with multiple V-belts and large synchronous belts.



EZ ALIGN™ PRECISION LASER ALIGNMENT DEVICES

Product No. 7420-1000 - Red Laser

Product No. 7420-3000 - Green Laser

Product No. 7420-4000 - EZ Align XL

Identifies common types of pulley misalignment.



SHEAVE GAUGES

Product No. 7401-0015 - Combo (English & Metric)

Useful for identifying worn or damaged V-belt sheaves.



SONIC TENSION METER AND ACCESSORIES	
PROD. NO.	DESCRIPTION
7420-0205	Flat Flexible Sensor
7420-0206	Cord Sensor
7420-0212	Inductive Sensor (Magnets Included)
7420-0508	Sonic Tension Meter Model 508C
7420-1212	Replacement Magnets for Inductive Sensor

TENSIONING AND ALIGNMENT DEVICES	
PROD. NO.	DESCRIPTION
7401-0076	30 Lb, Pencil Type
7401-0075	66 Lb, Double Barrel
7401-0079	165 Lb, Five Barrel
7401-0015	Sheave Gauge - Combo (English & Metric)
7420-1001	Belt Installation + Rotation Device (BIRD)
7420-1000	EZ Align Laser Alignment Device - Red
7420-3000	EZ Align Laser Alignment Device - Green
7420-4000	EZ Align XL Laser Alignment Device