



Preventive Maintenance Tools

TENSION TESTERS

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

A. Sonic Tension Meter - Model 507C

Product No. 7420-0507

For extremely accurate belt tension measuring, 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.

B. Kriket Gauges

Product No. 7401-0071

For tensioning automotive V-belts up to and including 7/8" top width

Product No. 7401-0072

For tensioning automotive V-ribbed belts up to 8 ribs in width.

C. Pencil Type Tension Tester

Product No. 7401-0076

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

D. Double Barrel Tension Tester

Product No. 7401-0075

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

E. Five Barrel Tension Tester

Product No. 7401-0079

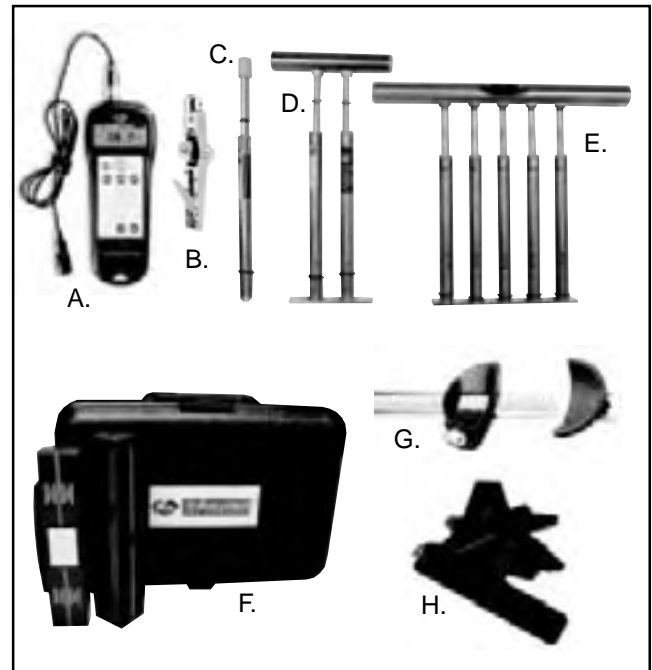
Maximum deflection force: 165 lbs. For use with multiple V-belts and large synchronous belts.

Sonic Tension Meter and Accessories

Product No.	Description
7420-0205	Flat Flexible Sensor
7420-0206	Cord Sensor
7420-0208	A/C Adapter for 305 Series
7420-0212	Inductive Sensor (Magnets Included)
7420-0507	Sonic Tension Meter Model 507C

Preventative Maintenance Tools

Product No.	Description
9975-0002	PM Kit



F. EZ Align® Precision Laser Alignment Device

Product No. 7420-1000

Identifies common types of pulley misalignment.

G. Truflex® and PowerRated® Belt Length Finder

Product No. 7401-0012

Measures FHP belts up to 107" to determine equivalent Truflex or PowerRated belt numbers.

H. Sheave Gauges

Product No. 7401-0014 and 7401-0013

Helps to identify worn sheaves and damaged belts.

Tensioning and Alignment Devices

Product No.	Description
7401-0076	30 Lb. Pencil Type
7401-0075	66 Lb. Double Barrel
7401-0079	165 Lb. Five Barrel
7401-0014	Sheave Gauge - English
7401-0013	Sheave Gauge - Metric
7401-0012	Truflex and PowerRated Belt Length Finder
7401-0071	Kriket Belt Tension Tester - .30 Lbs.
7401-0072	Kriket II Belt Tension Tester - .32 Lbs.
7420-1000	EZ Align Laser Alignment Device

