



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:

A. Sonic Tension Meter—Model 505C

Product No. 7420-0201

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 and newtons.
- Auto gain control automatically adjusts meter sensitivity.
- Auto frequency range filters for background noise.
- Frequency range from 10 - 1,000 Hz.

B. Krikit 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	List Price
7420-0201	Sonic Tension Meter Model 505C	\$1000.00
7420-0204	Flexible Sensor	110.00
7420-0206	Cord Sensor	110.00
7420-0208	AC Adapter	70.00
7420-0212	Inductive Sensor	664.00



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	List Price
7401-0076	Pencil Type — 30 Lb.	\$16.00
7401-0075	Double Barrel — 66 Lb.	54.00
7401-0071	Krikit	19.38
7401-0072	Krikit II	26.32
7401-0079	Five Barrel — 165 Lb.	220.00
7420-1000	EZ Align™ Laser Alignment Device	1300.00
7401-0012	Truflex® and PowerRated® Belt Length Finder	29.24
7401-0014	Sheave Gauges — English	6.00
7401-0013	Sheave Gauges — Metric	6.00

Prices Subject To Change Without Notice

