

# Trummeter Pro

... fast, secure and accurate belt tensioning!



The lifetime of belt drives is mainly affected by three critical factors:

- belt alignment,
- belt tensioning and
- speed.

The belt alignment could be easily and precisely measured and corrected with the Pulley Partner or Pulley Pro systems.

The latest **Trummeter Pro** measures the

belt tension and the drive speed quickly and simply.

A short tug on the drive belt makes it vibrate a little. The **Trummeter Pro** detects this vibration and estimates the “so called“ natural frequency of the belt assembly. Together with the belt mass and the length of the free belt strand, which is stored in the system’s database, the trum force is calculated. Simple and precise!

## Optimal belt tension ...

... guarantees maximum lifetime.



Optional evaluation software



- ✓ For all belt drives
- ✓ Bright, visible laser beam
- ✓ Integrated belt database
- ✓ Trum force in N
- ✓ Vibration in Hz
- ✓ Revs in rpm
- ✓ Clear color coded (green-yellow-red) graphs
- ✓ Easy user interface
- ✓ Backlight display
- ✓ Definable measurement rounds
- ✓ Built-in sensor test with feedback
- ✓ Measurement reporting available
- ✓ Outstandingly cost-effective



**SEIFFERT**  
INDUSTRIAL, INC.

Industrial Laser Alignment Systems



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**Order-No.: SP TRUM-PRO-S**

**Technical Data**

Measurement range	1 - 500 Hz
Modulation	5 kHz
Sensor test	25 Hz, OK beeb
Display error	+/- 0,3 Hz
Resolution	+/- 0,1 Hz
Operating temperature	-4°... +185°F (-20°...+85°C)
Storage temperature	-40°...+221°F (-40°...+105°C)
Humidity	20 ... 95 %
Housing	PVC plastics; IP20
Dimensions WxHxD	2.95 x 4.53 x 1.38 inches
Case WxHxD	9.06 x 8.66 x 2.95 inches
Display	2 row LCD 0.47 x 2.36 mm with backlight
Languages	3 languages implemented, switchable
Input range	free belt strand: 1.18 - 3.937 inches
Input range	linear belt mass: 0,001 - 9,999 Kg/m
Power supply	9 V Alkaline Battery, Typ E-Block, AM6
Interface	RS232, DSUB9



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