

INFRARED BELT TENSION METER

The Infrared Belt Tension Meter can measure the belt tension of motor and other machines. This tensiometer can measure the natural vibration frequency of the belt through the emission and reception of the laser, and then calculate the tension value of the belt by combining the input belt mass and the free belt length.

FEATURES

- Using laser sensor, direct measurement, more convenient than mechanical sensor
- The size of the split sensor is small, which is suitable for measuring in a narrow space
- Metric or imperial units can be used to display readings
- With automatic power off function

**TECHNICAL SPEC**

Measurement Range	10~800Hz
Input Range	Free Belt Length Max 99.99m Belt Mass Max 9.999kg/m
Digital Sampling Error	<1%
Display Error	±1Hz
Total Error	<5%
Unit of Measurement	Metric: m, kg/m, N Imperial: Inch, lbs/foot, lbf
Optical Path Measurement Distance	3~20mm
Depth of Split Sensor	About 66mm
Operating Temperature	10°C~50°C / 20%~80%RH
Power Supply	4x1.5V AAA (UM-4) Battery
Dimension	Main Unit : 178x72x34mm Sensor : 124x21x12mm
Weight	180g