

Infrared Belt Tension Tester AT-180H8

Product Description

The Infrared Belt Tension Meter can measure the belt tension of motor and other machines quickly. 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.

Product Feature

- * 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.



Product Parameter

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%
Operating Temperature	+10~50°C
Transportation Temperature	-5~70°C
Display	LCD
Unit of Measurement	Metric: m, kg/m, N
	Imperial: Inch, lbs/foot, lbf
Optical Path Distance	3~20mm
Depth of Split Sensor	About 66mm
Power Supply	4x1.5vAAA Um-7 Battery
Size	Main Unit: 140x70x31mm 5.5x2.8x1.2inch
	Sensor: 124x21x12mm 4.9x0.8x0.5inch
Weight	130g (including batteries) 4.59oz

Product Accessories

Standard Accessories	Main Unit
	Split Sensor
	Carrying Case
	Operation Manual