

SANKER – BELT TENSION METER U-508



When installing and debugging the belt, the tightness of the belt tension will caused : belt slippage, overheating, bearing damage, shortening the life of the belt and parts and energy loss.

Product Name : Sonic Belt Tension Meter

Product Model : U-508

Applications :

It is used to measure the tension of the belt, suitable for V-belt (V-belt series) covered belts, toothed trimming belts, V-belts, combined belts, synchronous belts and power transmission belts, etc., to help you quickly and reliably , Accurate measurement of belt tension

Measuring Principle :

The sonic belt tension meter captures the sound wave generated by the belt amplitude through the microphone probe, and through analog signal processing, it can measure the vibration waveform under different conditions, and can read the cycle of the waveform, and convert the tension value through the processing of cycle number and frequency (N/HZ), you only need to flip the belt lightly to get the data easily.

Features :

Can store 500 sets of measurement data, with 48 sets of belt data without manual input every time; Automatically filter noise and noise interference, suitable for measurement in narrow spaces; Easy to operate, can be operated with one hand; Light and easy to carry; Newly upgraded aviation grade Sensitive probe, the test is more sensitive.

Technical Parameter

Measuring range	Tension range: 0.01-99900N: Frequency range: 10-5000Hz
Accuracy	$\pm 0.1\% < 100N$ AND $\pm 0.1\% < 100Hz$
Belt length	MAX 9999mm
Belt Width	MAX 999.9mm/R
Belt Quality	MAX 999.9g/m
Operating environment humidity range	+10° 10 +50°
Show	LCD
Battery	2x1.5V AAA
Instrument Dimensions	160 x 59 x 26mm
Standard accessories	Host (one), standard probe (170mm), manual (one) carrying case (235x205x50mm one)