

PRODUCT DATA SHEET

Type 14 Belt Meter

The **Type 14 Belt Meter** is suitable for measuring tension in toothed timing belts, poly-vee belts, simple vee belts and cogged belts. The frequency measurement range is from 30Hz to 600Hz which covers most automotive applications.

This meter boasts high stability precision and easily validates calibration accuracy from its resonator. Made from aluminium this belt meter is ideal for use on a production line where conditions might be rough.

Type 14 Belt Meter is a ruggedized version of the Type 4 Belt Meter with an aluminium body and integral sensor head, for use on production lines where conditions might be rough. This meter functions on non-rechargeable batteries only. Any acoustic sensor head can be plugged into a section at the base of the meter in order to improve measurement of belts that have different access. The belt meter has a frequency measurement range is from **30Hz to 600Hz**.

A range of interchangeable sensing heads with differing dimensions is available upon request for difficult belt access.

Every Clavis meter is supplied with a precision mechanical resonator (tuning fork) for simple calibration validation by the user. If you have additional calibration requirements, Clavis can supply a Sonic Calibration Meter.

You can expect each device to have the following;

- Carrying Case
- Tuning Fork (Calibration Check)
- Calibration Certification





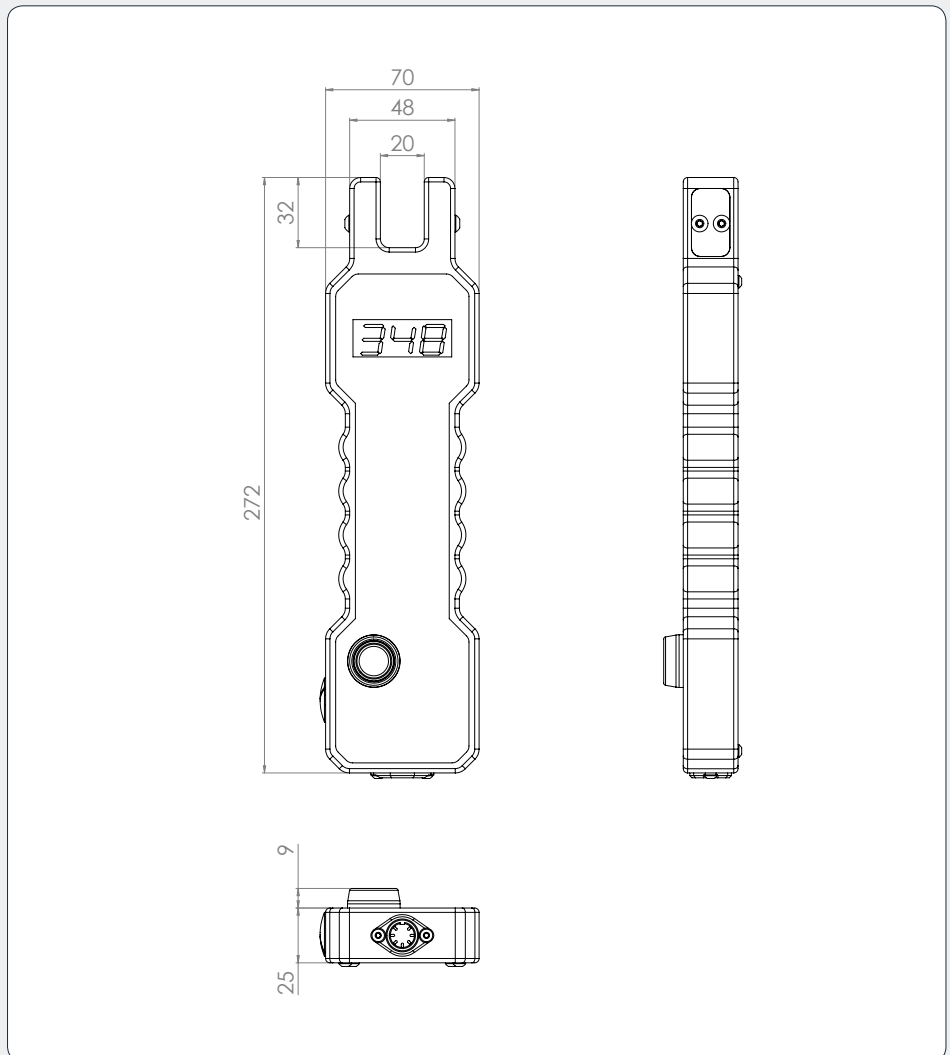
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TECHNICAL SPECIFICATION

Measurement Range	
Frequency Range (Acoustic)	30Hz to 600Hz
Measurement Accuracy	
Below 100Hz	+/- 1 significant digit
Above 100Hz	+/- 1%
Environment Conditions	
Operating Temperature	+10°C to +50°C +50°F to +122°F
Shipment & Storage Temperature	+5°C to +70°C +23°F to +158°F
Protection Class	IP54
Power Supply	
Battery Type	AA (1.5V) Alkaline only
Number	1
Expected life	30 hrs
Compartment Location	Bottom of the meter

DIMENSIONS



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