

Portable instruments

N300

Vibrometer
Balancer



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BALANCING MACHINES



► Technical data

Functions:

- Measurement of the overall vibration value (acceleration, velocity, displacement)
- Measurement of the amplitude of vibration and phase
- Peak list of the vibration
- Balancing on 1 to 2 planes

Measuring capabilities

- RMS value (RMS)
- Peak value (Pk)
- Peak to peak value (PP)

Units of measurement

- Acceleration: [g]
- Velocity: [mm/s] or [inch/s]
- Displacement: [mm] or [mils]
- Frequency: [Hz] or [Rpm]

Inputs

- 2 independent and simultaneous measuring channels (acceleration transducers)
- 1 photocell channel (speed and angle reference)
- 1 mini USB outputs for data exchange
- 1 Battery charger input

Vibrometer function

- Measurement of the overall vibration value in predefined band (10-100Hz; 2-200Hz; 5-500Hz; 10-1000Hz)
- Measurement of the value and phase of the first 5 harmonics
- Peak list of the first 5 peaks

Balancing

- Number of the correction planes: from 1 to 2
- Step-by-step guided balancing procedure
- Possibility of balancing using 1 or 2 sensors.

General characteristics

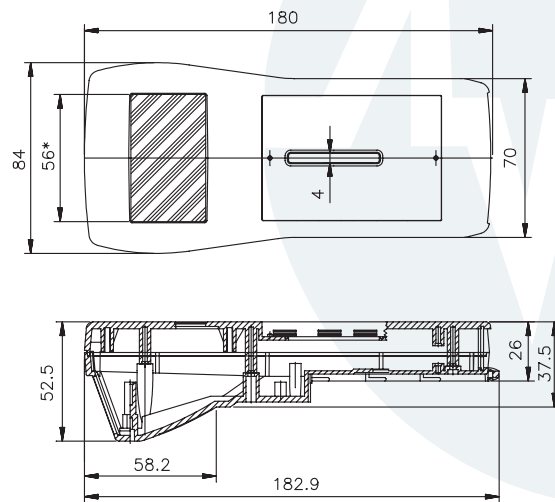
- Display: led 128x64 – backlit
- Dimensions approx: 180 x 84 x 45 mm
- Weight: 300gr.

Operating conditions

- Temperature: from -10° to +50° C
- Air humidity: from 0 to 95% without condensate

Power supply

- Rechargeable Lithium battery 1.8 Ah
- Charging time: < 5 hours (from completely discharged battery)
- Battery charger 100-240 V, 50/60 Hz (8.4 Vdc, 0.71A 60W max)
- Battery life: > 10 hours typical use



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