



Adash

A4900 - Vibrio III

- Machine Condition Expert System included
- LED stroboscope
- Designed for novices and experts also
- Multiple measurements in one unit
- ISO 10816-3 rules included



1500 RPM

New!!!



- Non-contact temperature measurement
- Machine health level
- Bearing health level
- Unbalance level
- Looseness level
- Misalignment level



phones input

ADASH 4900 Vibrio



g [ENV] **0.73**



mm/s 200Hz

1. 25Hz	-> 1.9
2. 50Hz	-> 1.1
3. 100Hz	-> 0.8



[g] **0.0 0.5 0.6**

0.5 1.5 5.0 16 [kHz]

Do your machines work under optimum conditions?



What can A4900 - Vibrio III can do for you:

- check, whether your machines work under optimum conditions,
- determine the condition of your bearings, including slow-running ones,
- find insufficiently lubricated bearings,
- determine unbalance, looseness, misalignment, operating in resonance of your machines,
- check machine by stroboscope LED-lamp,
- metric and English units.

A4900 - Vibrio III is revolutionary instrument with a completely new design!

Operation of **A4900 - Vibrio III** is so easy that anybody can learn it very quickly. We use usual colours green, orange and red to display the status. Determination of individual machine or bearings defect types is done directly during operation, without a need to use a computer or software.

A4900 - Vibrio III is an instrument with new design, which, although small in size, is large in performance. Instruments in this cost-effective category have been able to measure only total vibration values so far. But **A4900 - Vibrio III** is different.

For each point on the machine this device produces many different measurements:

- overall RMS and PEAK velocity (10 - 1000 Hz)
- overall RMS and PEAK acceleration (500 - 16 000 Hz)
- overall RMS and PEAK displacement (1 - 1 000 Hz)
- velocity spectrum (0 - 200 Hz)
- acceleration time signal (bearing fault detection in 500 - 16 000 Hz band)
- acceleration enveloping measurement
- automatic machine speed detection
- **non-contact temperature measurement**
- **displacement measurement**



New !!!

New !!!



A4900 - Vibrio III is sold as complete set with a quality accelerometer, coiled cable, magnetic base, transit case and headphones. You can connect headphones to this instrument and listen to vibration signals. Do not consider this method obsolete! If you measure transmissions or slow-running bearings, you shall quickly understand its usefulness.

