



A4900 VIBRIO

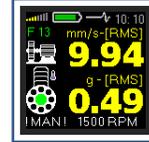
VIBRATION METER, DATA ANALYSER



ISO 10816-3 value [mm/s, ips]



ISO alarms

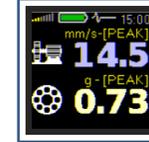


ISO standard

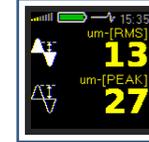
Display value for true peak and displacement



Adash standard

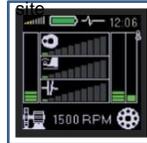


True Peak

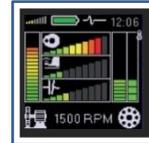


Displacement

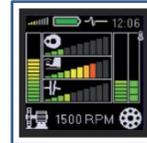
Expert System enables automatic machine fault detection on



Machine OK



Unbalance



Looseness



Misalignment



Bearing faults

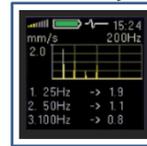
Group	Group 1	Group 3	Group 2	Group 4
Machine Type	rigid rotor	rigid rotor	flexible rotor	flexible rotor
mm/s [RMS]	0.28	0.45	0.71	1.12
g [RMS]	0.002	0.003	0.005	0.008
2.0	A	B	C	D
3.15	A	B	C	D
5.0	A	B	C	D
7.1	A	B	C	D
11	A	B	C	D

ISO 10816-3

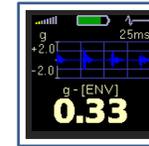


Standard carrying case
Code: ARS-4900S-S

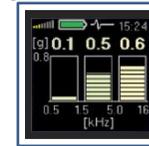
Data Analysis for mechanical and bearing faults



FFT spectrum

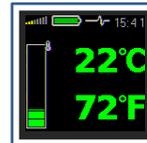


Time signal



Frequency bands

Additional Features



IR non-contact temperature



LED torchlight



LED stroboscope



Units selection



Stethoscope



USB data transfer

Alert Messages



Sensor connection



Value overload



Input overload



INDUSTRIAL DESIGN

- Heavy duty aluminium case
- 2AA rechargeable or AA alkaline batteries
- 8 hours of operation



SIMPLE TO USE

- Three button operation
- All functions are predefined
- Expert functions for fault detection
- Colour graphic display



TOP PANEL

- ACC IEPE sensor input
- IR non-contact temperature sensor
- LED stroboscope
- Stethoscope output
- Micro USB for data transfer

The hand-held A4900 - Vibrio instrument comes with the Adash expert system for automatic machine fault detection on site; basic vibro-diagnostics measurements such as bearing condition, identification of mechanical faults and lubrication assessment and alarm setting in accordance with ISO 10816-3 for machine condition monitoring.

Measured vibration overall values are optionally displayed either in metric or imperial mode - velocity (RMS & Peak), acceleration (RMS & Peak) and displacement (RMS, Peak, Peak-Peak).

Basic vibro-diagnostics measurements can be viewed with FFT spectrum, time signal and frequency bands. Other built-in features includes the IR non-contact temperature sensor, LED stroboscope, stethoscope and LED torchlight.

The instrument is supplied in a standard carrying case that includes accelerometer, flat-type magnet, coiled cable, measuring tip/probe, ear piece, 2 AA batteries, CD manual and calibration certificate.