



A4404 - SAB

Pocket size 4 channel vibration analyzer



Adash

... Your best partner for vibration diagnostics



A4404 SAB - Signal analyzer box

The A4404 - SAB is a pocket size 4 channel vibration analyzer.

Connect the A4404 - SAB to any computer by USB and use the unit for data analysing, collecting and the recording of vibration signals. The instrument is enhanced by modules for dynamic balancing, measurement of run up and cost down and acoustic measurement mode. The instrument is equipped with an expert system developed by Adash, that automatically detects machinery faults.

The instrument is powered directly by USB connection so no external power is needed.



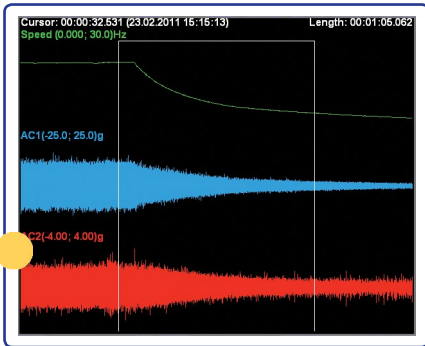
VA4 Pro - Virtual Unit software



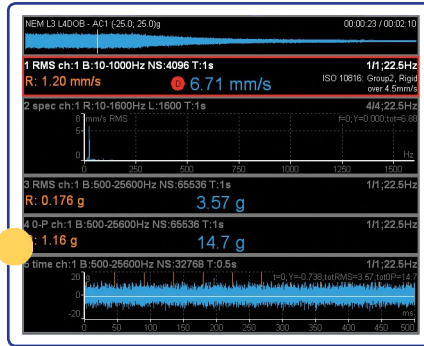
Pocket size 4 channel Vibration Analyzer
Input channels:
4 AC, ICP® (On/Off), 4 DC, 1 TACHO



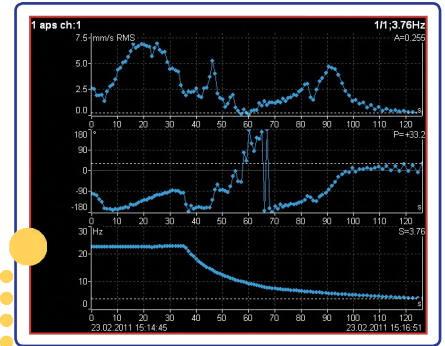
Connect A4404 SAB to your laptop and get all functions of 4 channel analyzer VA4 Pro



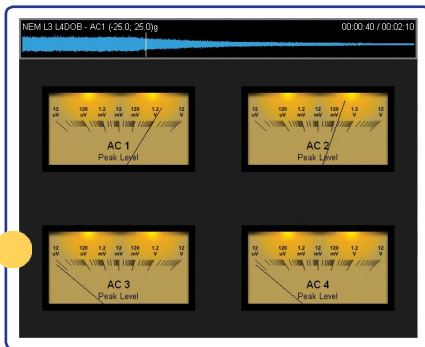
RECORDER:
- 4 channels recording



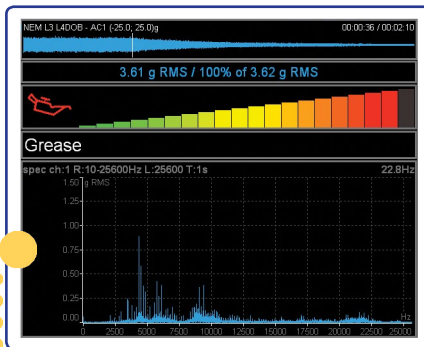
ROUTE:
- 8000 measuring points
- New DDS 2014 software



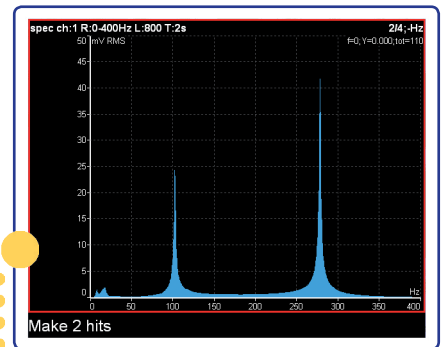
RUN UP/COST DOWN



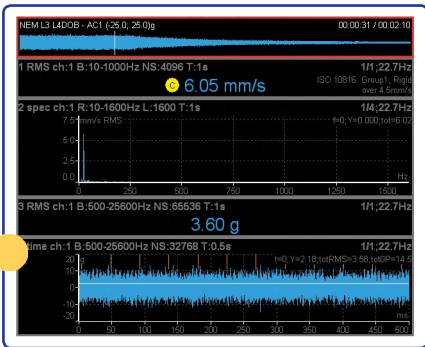
STETHOSCOPE:
- Listening of vibration signal



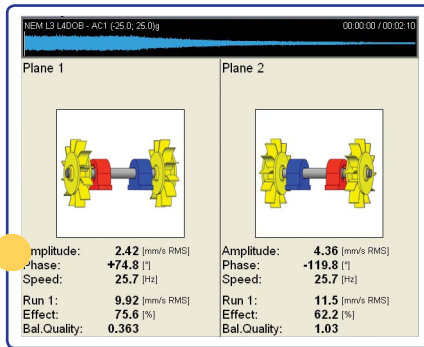
LUBRI:
- Monitoring and control of lubrication process



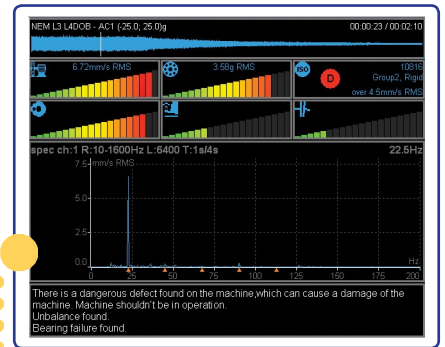
BUMP TEST



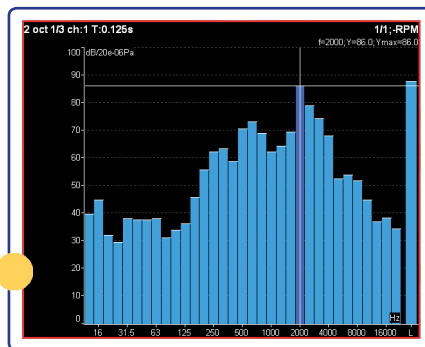
ANALYZER:
- 4 channels simultaneously



BALANCER



EXPERT SYSTEM:
- Automatic fault detection



OCTAVE ANALYSIS

Keep your machinery in a good condition



Adash 4404 – SAB Technical Specifications:

Input channels:	<ul style="list-style-type: none"> • 4 AC, ICP® power supply on/off • 4 DC for process values • 1 TACHO for external trigger 	Data processing:	<ul style="list-style-type: none"> • FFT real time analysis • DEMOD - ENVELOPE analysis • ACMT - low speed bearing analysis • order analysis • user band pass analysis • RPM measurement • DC measurement • Orbit measurement
Input range:	<ul style="list-style-type: none"> • AC +/- 12 V peak-peak • DC +/- 24 V 	Signal Recorder:	<ul style="list-style-type: none"> • 64 kHz sampling frequency • 4 Ch memory consumption 3 GB/hour • 4 Ch total recording - 35 hours
AD conversion:	<ul style="list-style-type: none"> • 24 bit, 64 bit internal signal processing • No AutoGain function! 		
Dynamic range S/N:	<ul style="list-style-type: none"> • 120 dB 	Trigger:	<ul style="list-style-type: none"> • manual, external, signal level, time • use for signal recording trigger • speed change, time interval
Frequency ranges:	<ul style="list-style-type: none"> • max. 90 kHz (1 Ch, 196 kHz sampling) • max. 25 kHz (4 Ch, 64 kHz sampling) • min. 25 Hz (4 Ch, 64 Hz sampling) 	Communication:	<ul style="list-style-type: none"> • USB
Sampling mode:	<ul style="list-style-type: none"> • fully simultaneous for 4 channels 	Temperature range:	<ul style="list-style-type: none"> • -10°C to +50°C
FFT resolution:	<ul style="list-style-type: none"> • min. 100 lines • max. 3 276 800 lines 	Power:	<ul style="list-style-type: none"> • USB powered
Unit modes:	<ul style="list-style-type: none"> • Analyser - analytic measurement • Data-collector - route measurement • Balancer - on-site balancing • Run up / Coast down measurement • Recorder - signal recording • Stethoscope • FASIT -expert system for fault detection • Octave analyzer • Bump test 	Case:	<ul style="list-style-type: none"> • Aluminium Heavy Duty
Processor:	<ul style="list-style-type: none"> • according to PC 	Size & Weight:	<ul style="list-style-type: none"> • 110 x 115 x 35 mm • 350 g
Memory:	<ul style="list-style-type: none"> • according to PC hard drive 		



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