

A4404 SAB

SIGNAL ANALYZER BOX - POCKET ANALYZER



MASTER THE LANGUAGE OF YOUR MACHINERY



POCKET ANALYZER



The A4404 - SAB is a pocket sized 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 coast down and acoustic measurement mode. The instrument is equipped with an expert system developed by Adash, which automatically detects machinery faults.

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



...>

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

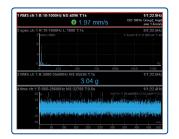
Free download of VA4 Pro - Virtual Unit software enables you to try all functions of the analyzer on your computer

VA4 PRO - VIRTUAL UNIT SOFTWARE

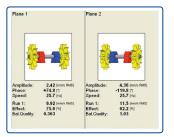
POCKET SIZE 4 CHANNEL VIBRATION ANALYZER Input channels: 4 AC, ICP® (ON/OFF), 4 DC, 1 TACHO



A4404 SAB MEASUREMENT MODES

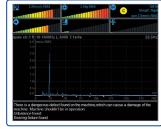


ANALYZER > 4 channels simultaneously



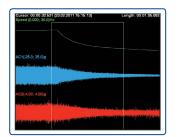
BALANCER

 Intuitive graphical balancing procedure



EXPERT SYSTEM

> Automatic fault detection



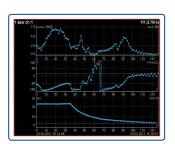
RECORDER

- > 4 channels recording
- 35 hours signal recording

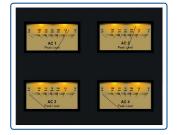


ROUTE

- > 8000 measuring points
- > DDS software



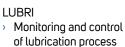
RUN UP/COAST DOWN

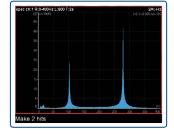


STETHOSCOPE

Listening of vibration signal



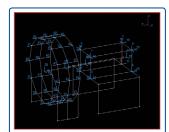




BUMP TEST



OCTAVE ANALYSIS



ADS

 Animated deflection
 shapes

Input channels:4 AC, ICP® power supply on/off 4 DC tor process values 1TACH0 for extenal triggerInput range:AC +/ 12 V peak-peak DC +/ 2AVAD conversion:AC +/ 12 V peak-peak DC +/ 2AVAD conversion:24 bit, 64 bit internal signal processing No AutoGain function!Dynamic range S/N:120 dBFrequency ranges:Maximum range: 1Hz - 90 kHz (1Ch, 194 kHz sampling) Maximum range: 1Hz - 25 Hz (4 Ch, 64 Hz sampling) Minimum range: 1Hz - 25 Hz (4 Ch, 64 Hz sampling)Sampling mode:Fully simultaneous for 4 channelsFFT resolution:Min 100 lines Max. 3 276 800 linesUnit modes:Analyzer - analytic measurement Data collector - route measurement Bala collector - noute measurement Bala collector - oute measurement Bala collector - signal recording Stethoscope Bump test ADS - Animated Deflection ShapesProcessor:According to the PC Memory, Route:Data processing:Reat time FFT DEMOD - ENVELOPE analysis ACMT - low speed bearing analysis Order analysis RPM measurement DC measurement <br< th=""><th>A4404 SAB TECHNICAL SPE</th><th>CIFICATIONS:</th></br<>	A4404 SAB TECHNICAL SPE	CIFICATIONS:
DC +/- 24VAD conversion:24 bit, 64 bit internal signal processing No AutoGain function!Dynamic range S/N:120 dBFrequency ranges:Maximum range: 1Hz - 90 kHz (1 Ch, 194 kHz sampling) Maximum range: 1Hz - 25 kHz (4 Ch, 64 kHz sampling) Minimum range: 1Hz - 25 kHz (4 Ch, 64 kHz sampling)Sampling mode:Fully simultaneous for 4 channelsFFT resolution:Min. 100 lines Max. 3276 800 linesUnit modes:Analyzer - analytic measurement Balancer - on-site balancing Recorder - signal recording Stethoscope FASIT - Expert system for fault detection Octave analyzer Bum lest ADS - Animated Deflection ShapesProcessor:According to the PCMemory, Route:According to the PC and driveData processing:Real time FFT DEMOD - ENVELOPE analysis ACMT - low speed bearing analysis Order analysis Order analysis RPM measurement Deta lot calter cording - 35 hoursSignal recorder:64 kHz sampling frequency 4 Ch memory consumption 3 GB/hour 4 Ch total recording - 35 hoursTrigger:USBCommunication:USBProver:USB poweredCase:Huminium heavy duty	Input channels:	4 DC for process values
No AutoGain function!Dynamic range S/N:120 dBFrequency ranges:Maximum range: 1Hz - 90 KHz (1Ch, 194 KHz sampling) Maximum range: 1Hz - 25 Hz (4 Ch, 64 Hz sampling) Minimum range: 1Hz - 25 Hz (4 Ch, 64 Hz sampling)Sampling mode:Fully simultaneous for 4 channelsFFT resolution:Min. 100 lines Max. 3276 800 linesUnit modes:Analyzer - analytic measurement Data collector - route measurement Balancer - on-site balancing Recorder - signal recording Stethoscope FASIT - Expert system for fault detection Octave analyzer Bump test ADS - Animated Deflection ShapesProcessor:According to the PC Memory, Route:Data processing:Real the FFT DEMOD - ENVELOPE analysis ACMT - tow speed bearing analysis User band pass analysis 	Input range:	
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Power: USB powered Case: Aluminium heavy duty	Communication:	USB
Case: Aluminium heavy duty	Temperature range:	-10°C to +50°C
	Power:	USB powered
Size & Weight: 110 x 115 x 35 mm, 350 g	Case:	Aluminium heavy duty
	Size & Weight:	110 x 115 x 35 mm, 350 g





CONTACT US

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