Adash

MASTER THE LANGUAGE
OF YOUR MACHINERY

SINCE 1991



READ THE SIGNAL
SEE THE FAULT
PLAN THE ACTION

Vibration diagnostics for smarter maintenance

We **develop and manufacture** advanced hardware and software for machine vibration diagnostics and predictive maintenance since 1991.

TECHNICAL SUPPORT

- Call us, email us, we are ready to talk with you and help you
- Expert advice, fast response, help when you need it

CUSTOMER-DRIVEN DEVELOPMENT

- Development based on real customer suggestions and needs
- Feedback from the field turns into new features, products and solutions
- Your requirements shape our innovation

SHORT DELIVERY TIMES

- Flexible delivery through our worldwide distributors
- Fast availability of products
- Reliable delivery you can count on







ADASH PRODUCT CATEGORIES

PORTABLE — ON-LINE — SOFTWARE — ACCESSORIES



YOUR EASY PATH TO RELIABLE MACHINERY

CHECK & MAINTAIN — DIAGNOSE ON SITE — MONITOR 24/7 — UNDERSTAND & ACT

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MASTER THE LANGUAGE OF YOUR MACHINERY

PORTABLE VIBRATION DEVICES

VIBRIO M / M^{EX}

PREDICTIVE MAINTENANCE BASED ON CONDITION MONITORING STARTS HERE



- Expert System machine fault detection
- Plug and Play Don't bother with settings - just measure
- M^{EX} version II 2G Ex ib IIC T4 Gb II 2G Ex ib IIB T4 Gb

A 4300 VA3 PRO / PRO^{EX}

3-CHANNEL VIBRATION ANALYZER, DATA COLLECTOR AND MANY MORE



- A vibration analyzer Real time FFTs, time waveforms etc.
- Modularly based Buy only the modes you need
- User friendly interface
- PRO^{EX} version II 3G Ex ic op is IIC T3 Gc

A 4910 LUBRI

MONITORING AND CONTROL OF LUBRICATION PROCESS + VIBRATION DATA COLLECTOR



- Saves your bearings Assures that your bearing is well greased
- Lubrication optimization Add only necessary amount of grease into a bearing
- Data collector - measures, stores and trends bearing and whole machine body vibrations

A 4500 VA5 PRO

FORGET THE REST, CHOOSE THE BEST - VIBRATION ANALYSIS, BALANCING, THERMAL IMAGING, ULTRASOUND MEASUREMENT, ...



- Analyzer
- Route Measurement
- Runup Measurement
- Recorder
- Balancer
- Stethoscope
- Lubrication Measurement
- Octave Analysis
- Bump Test
- Operational Deflection Shapes
- Ultrasound Measurement
- MCSA – Current analysis

A 4404 SAB

SIGNAL ANALYZER BOX - 4-CHANNEL POCKET SIZE VIBRATION ANALYZER



- Vibration analyzer for less Connect it with your laptop and be amazed by the same measurement possibilities as VA5
- Virtual unit - free software for using up your measurements
- 4AC + 4DC + Tacho All 8 channels plus speed are measured simultaneously

ON-LINE MONITORING

A 3800

THE A3800 IS A COMPACT SIZE ON-LINE MONITORING AND DIAGNOSTIC SYSTEM



- 4, 8, 12 or 16 channels available
- Upgradable from 4ch to more channels just via email
- Same number of DC channels for process values available

A 3716

MONITOR YOUR CRITICAL MACHINERY 24/7 WITH HIGH-END A3716 ONLINE MONITORING SYSTEM



- Monitor your critical machinery 24/7 with high-end A3716 online monitoring system.
- A3716 contains 16 AC channels for vibration measurements and 16 DC channels for process values such as temperature, pressure etc.
- HT option - high temperature version up to 60°C

A 3900

ONE CHANNEL ONLINE MONITORING SYSTEM



- Simple vibration monitoring Continuous machine or bearing monitoring
- Set up alarm limits and observe traffic light colors

OTHERS

SENSOR SIMULATOR

QUICK CALIBRATION AND INSPECTION OF YOUR DEVICES



- Simulates acceleration sensor and generates stable signal
- Check ANY vibration meter / analyzer
- Always measure precisely
- Inspect cables and connectors Be sure about smooth data transmission

LED STROBOSCOPE

LED STROBOSCOPE FOR A WIDE RANGE OF MACHINERY MAINTENANCE APPLICATIONS



- "Freeze" rotating parts and check its components
- Tachometer / Trigger No reflection tape needed

ACCESSORIES

ADASH SUPPLIES WIDE RANGE OF ACCESSORIES NEEDED FOR YOUR VIBRATION MEASUREMENTS

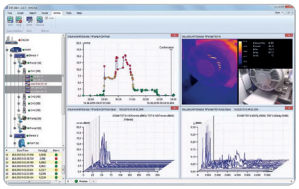


We offer wide range of acceleration and tacho sensors

SOFTWARE

DDS

POWERFUL TOOL FOR DATA STORING AND ANALYSIS



- Store, trend and analyze Keep your data on one place using any Adash hardware
- User friendly environment developed by clients not programmers
- Download free version and dive into vibration world

ADVISOR

PHYSICS-BASED ANALYSIS, AI-POWERED UNDERSTANDING



- Physics First, AI Second Precision analysis meets intelligent assistance
- Hybrid Intelligence (Physics + AI) bridging the gap between raw data and real decisions

OMEGA

ONLINE MONITORING EXPERT GUARD APPLICATION



- Online vibration monitoring Easier than ever before
- Automatic machinery surveillance
- No knowledge needed, expert system does everything for you

ADASH CLOUD

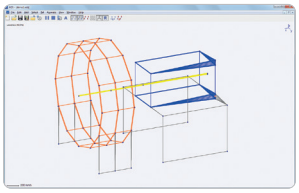
WORLDWIDE ACCESS TO MEASUREMENT DATA



- Keep you data in one place
- Access and manage the data from any part of the world
- Smart Phone, Tablet and PC compatible

ADS

OPERATING DEFLECTION SHAPES



- Visualize machinery motion by amplifying vibration signal
- Start the animation directly on Adash analyzer to troubleshoot on site
- Download free version and animate demo machines

VIRTUAL UNIT

VA5 PRO SOFTWARE ENVIRONMENT EMULATOR



- Explore Adash capabilities try VA5 Pro measurement options on your laptop
- Comfortable post-analysis analyze with recorded raw signals at your office
- Download for free and start to play with vibrations

BALANCER APP

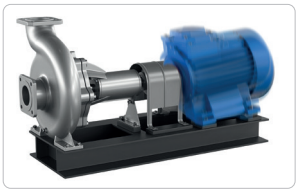
FREE BALANCING APPLICATION



Basic rotor balancing so called in-situ balancing is now accessible to wider public. To perform balancing with the app you should ideally have some vibration meter (such as A4900 Vibrio from Adash). But don't worry if you don't have it.

VIBRATION VISUALISATION

DDS FEATURE



- See the vibrations and understand the movement of your machinery
- Discover hidden movements which cause harm to your machinery



WHY ADASH?

A partner who understands your machines

We are not just a supplier – we are your long-term partner. We combine technical expertise, customer-driven development and fast delivery to help you get the most out of your investment.

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For more details contact your distributor or directly Adash.

You can call us: **+420 596 232 670**,
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