

VibroDAQ

Vibro-diagnostic and balancing system

PRODUCT FEATURES

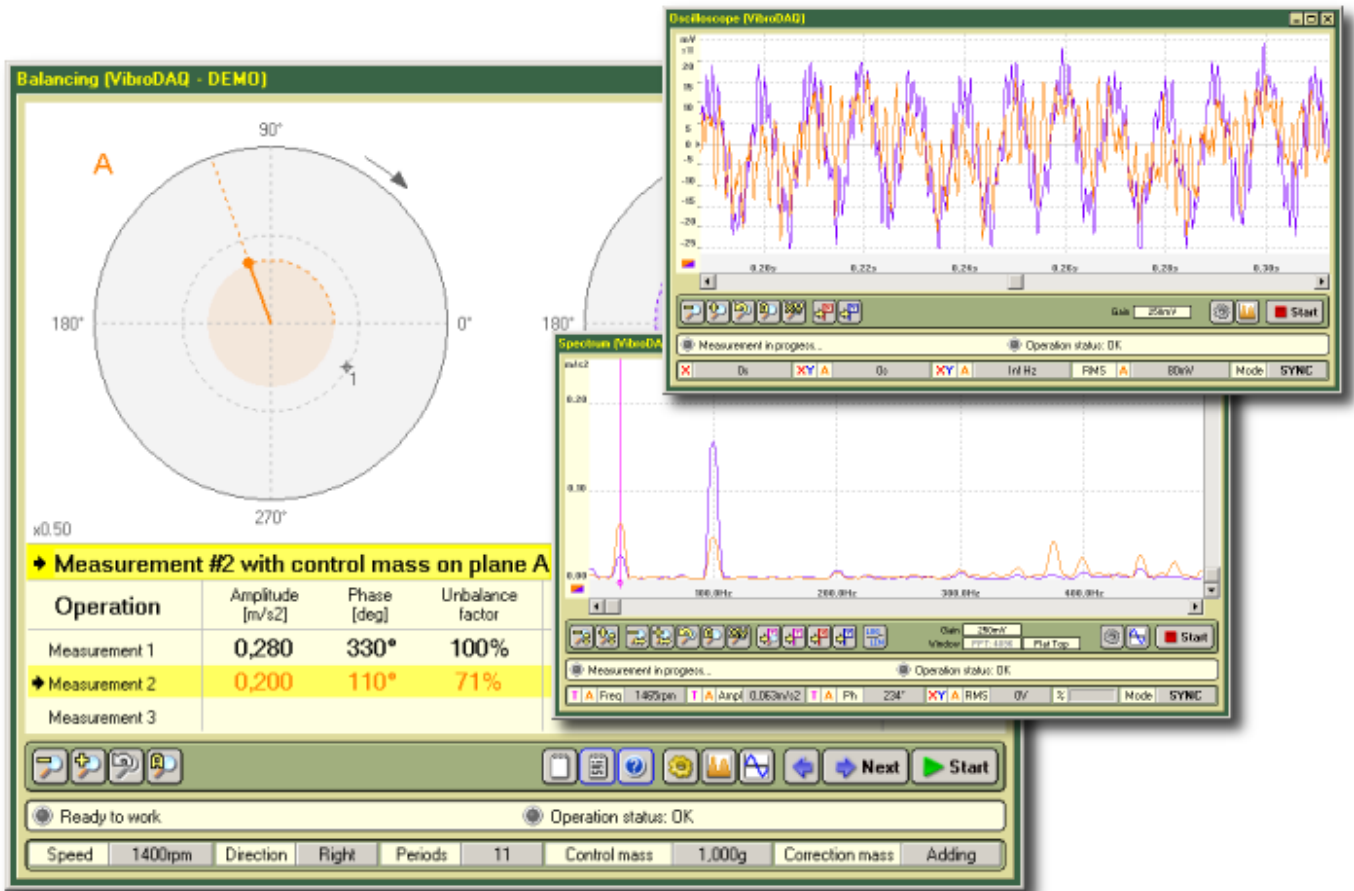
- dynamic manual balancing of rigid rotors
- field balancing capability (without the need of rotor disassembling)
- universal – may be used on all rotating equipment including fans, grinding wheels, turbines, rotors and other devices
- dual plane balancing without additional costs – just plug in other vibration sensor and use it
- machine technical condition evaluation based on vibration measurements
- innovative digital measurements method with reliable 12-bit resolution
- two independent measurement channels
- laser rotational speed sensor working from safe distance
- operation with full range of vibration sensors
- selectable vibration units: acceleration and displacement
- rotational speed range 0,1Hz – 10kHz (60rpm – 600.000rpm)
- sampling rate range: 200Hz – 20MHz
- buffer length: 128 kbits per channel (max)
- simple to use software with multilingual user interface
- aesthetic metal case



THE SOFTWARE

We place a special value in clear user interface in order to make operation of the software friendly and avoid unnecessary complexity. Simple to use software presents the unbalance in clear vectorial and numerical fashion. After series (two or three) of control measurements the user gets precise location and size of the correction mass, that must be added or removed to achieve balance. Multilingual interface makes this process easier to operators. With the log book all measurement sequences may be documented for further access to a history of preceding steps. View of time graph and spectrum of the signal are also available and provides additional information about balancing process.

Technical condition of the machine may be quickly evaluated after asynchronous measurement, without application of rotation sensor.



INFORMATION, AVAILABILITY & PRICING DETAILS

RK-SYSTEM
 ul. Chełmońskiego 30
 05-825 Grodzisk Mazowiecki
 Poland

tel. +48 22 724 30 39
 fax. +48 22 724 30 37
 email: rk-system@rk-system.com.pl
<http://www.rk-system.com.pl>