RogaDAQ 2
NVH Data Acquisition and Analysis

RogaDAQ 2 *is a high performance portable Data Acquisition Device. It features two high quality, high speed, simultaneous sampling inputs.*

The RogaDAQ2 USB DAQ is developed for highly accurate measurements in the T&M and also for NVH measurements. This USB Front End is optimized for noise and vibration measurements with 2 channel IEPE (ICP®) sensor supply.

Main feature of the RogaDAQ2 is the driver and free software concept. Special drivers are not needed ; the unit is detected by the PC as standard Soundcard.

Measurement programs like ArtemiS, Audacity, Cooledit, DASYLab, DEWESoft, DiaDem, LabView, Levelcheck, MatLab, PAK by Müller BBM, RogaREC, Smaart works directly in real time.

The RogaDAQ2 supports as first NVH USB Soundcard on the market, measurements from 0 Hz up to 20 kHz and IEPE sensor supply. Range input is fixed to +- 5 Volt.

TECHNICAL DATA:	
Analog-Inputs	2 BNC-Inputs, for analog signals
Simultaneously sampling ADCs	2
Resolution	24 Bit
Sampling rate	48 kHz max.
Range input	10 V or ± 5 V
Selectable AC- or DC-coupling	
Selectable IEPE sensor	supply (4 mA/28 V)
Self adjusting Anti-Aliasing filter	
Accuracy	better ± 0,1 dB,
	Dynamic Range > 100 dB, THD < 0,005%,
	Frequency Response ± 0,05 dB
Channel deviation	< 0,01 dB, < 0,05°
Channel separation	> 85 dB
Supported PC Systems	All

RogaDAQ2 is available including FFT Analyzer Software, Sound levelmeter and Modal Analysis Program.