

VIBDAQ



VIBDAQ Series

VIBDAQ 2+



DasyLab &
Labview software supported

USB Signal Conditioning and Aquisition Module

VIBDAQ



VIBDAQ Series



Input/output channels	2/2
Input type	IEPE 2,4mA/20V with improved setting characteristics
Indicators	open/short input and overload per channel
Input impedance	100 kOhm AC-coupled
Output interface	USB 1.1
Input gain	1,10,100 (0 dB, 20 dB, 40 dB)
SNR	>83 dB (10Hz-22kHz)
Distortion	<0.1%
Gain error	<0.5%
Gain drift	<50 ppm/°C
Filters	12dB/oct, individually selectable on/off
High pass filter	10 Hz or custom
Low pass filter	1 kHz or custom
Power	form USB
Control interface	USB
Housing	extruded aluminium with dirt and moisture repelling membrane keypad
Dimension	196mm x110mm x 45 mm (l x w x h)
Weight	aprox. 350 g
Operating temperature	0°C - 55°C
Storage temperature	-10°C - 60°C
USB cable and 2 BNC/BNC	are supplied with the unit

VIBDAQ 2+

The vibdaq2+ is the portable 2-channel input (IEPE/voltage), 2-channel output (voltage) signal acquisition module with USB 1.1 interface.

It provides 2.4mA/20V power supply for integrated electronics sensors (IEPE, ICP(R)).

For low level signal amplification it features three selectable gain ranges and individually selectable highpass and lowpass filters for both channels.

Indicators for sensor condition and signal overload further minimize the risk of handling errors. Device is fully powered form USB connector.

It is also possible to control all settings via PC using the same USB interface and special driver.

The VIBDAQ2+ has ruggedized housing and a membrane keypad withstanding dust and moisture.

The low noise, wide dynamic range and excellent choice for demanding measurement applications.



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