

BALTECH VP-3410



BALTECH VP-3410 is a portable vibration measurement device (vibration tester). The vibration meter is connected with the external sensor via the cable. The vibration meter BALTECH VP-3410 performs measurement of the vibration acceleration, vibration velocity and vibration displacement. It is intended to monitor a machine technical condition and to detect its defects. BALTECH VP-3410 operates in the range from 1 kHz to 10 kHz and measures the vibration values of bearing units. The technical characteristics of the vibration meter comply with the international standards ISO:10816, as well as other vibration meters of this series.

Technical characteristics BALTECH VP-3410

Parameter	Value
Measurement range	
Peak Vibration acceleration, m/s ²	0.1 - 199.9
RMS Vibration velocity, mm/s	0.1 - 199.9
Peak - Peak Vibration displacement, μ m	0.001 - 1.999
Operation frequency range, Hz	
Vibration acceleration & Vibration velocity	10 - 1000
Vibration displacement	10 - 500
High frequency acceleration	1000 - 10000
Measurement error of the Vibration Acceleration at the reference frequency 160 Hz and the Vibration velocity at the reference frequency 80 Hz	± 2 dgt $\pm(0,05 \times x)$
Measurement error of the Vibration displacement at the reference frequency 45 Hz	± 2 dgt $\pm(0,06 \times x)$ where x – vibration value
Continuous operation time, h	25
Operation temperature range, °C	0 - 50
Dimensions, mm	138x68x30
Weight, g	270

Delivery set BALTECH VP-3410

Item	Value
Measuring unit	1
Vibration sensor with a cable, magnet and protection shield	1
Battery, 9 V, D (6LR61)	1
Operation manual	1
Package	1

