

BALTECH VP-3405 and BALTECH VP-3405-2



The vibration meters **BALTECH VP-3405** and **BALTECH VP-3405-2** are vibration testers (vibration pens) of general industrial application intended to conduct operation vibration monitoring of production equipment: fans (exhausters), pumps, compressors, electric motors, generators, turbines, etc. The vibration meter is a small-size, simple and easy to use device designed to perform the vibration monitoring according to the accepted standards. The main advantage is that the vibration measurement is performed at the touch of one button.

The vibration meters come with a one-year warranty. The measurement result can serve as a ground for making decision about the necessity of checking the machines by means of a special-purpose vibrodiagnostic equipment. Use of the vibration meter reduces time required for the vibration monitoring. The vibration meter complies with the requirements of the international standard ISO:10816.

Technical characteristics

Parameter	BALTECH VP 3405-2	BALTECH VP 3405
Measurement range		
Peak Vibration acceleration, m/s ²	0.01 - 199.9	
RMS Vibration velocity, mm/s	0.1 - 199.9	0.1 - 199.9
Peak - Peak Vibration displacement, um	1 - 1.999	
Frequency range, Hz		
Vibration acceleration & Vibration velocity	10 - 1000	10 - 1000
Vibration displacement	10 - 500	
Measurement error of the Vibration Velocity at the reference frequency 80Hz, ≤	±2 dgt ± (0,1 x x)	±2 dgt ± (0,1 x x)
Deviation of the readings in the operation frequency range from the readings at the reference frequency		
Vibration Velocity and Vibration Acceleration in the range 12.5-800 Hz, ≤	±5%	±5%
Continuous operation time, h	4.5	10
Operation temperature range, °C	0 - 40	0 - 40
Dimensions, mm	150×22×18	150×22×18
Weight, g	55	55

Delivery set

Item	Q-ty
Measuring unit with a built-in sensor	1
Battery, 1.5 V, LR44	2
Cover	1
Operation manual	1
Package	1

