

Vibratory kit of diagnosis of workshop

DESCRIPTION

- The vibratory kit of diagnosis of workshop Pruftechnik Vibscanner makes it possible to diagnose in a fast and total way the state of a revolving machine per measurement of its vibrations
- This kit is delivered in a case with portable vibratory collector, accelerometer, software, teaching handbook and technical file
- This kit is conceived to be used on the basis of MBP 011 but is also compatible with the majority of the revolving machines.
- industrial material.
- The didactic interest of the MBP 012 is directed towards various levels and fields of studies going from the BEP to the BTS.



TEACHING APPLICATIONS

- Total method of vibratory analysis of a revolving system
- Monitoring of the vibratory evolution of revolving machines/concept of rounds
- Transfer and exploitation of the data on PC
- visualization of the spectrum

Presentation of the system:



Noncontractual illustrations

Description of the material:

- 1 portable and autonomous **monitor** allowing:
 - graphic and numerical **visualization** of the levels of measured vibrations
 - the **recording** and the **filing** of the numerical and graphic data (spectrum)
 - the **parameter setting** of the operating modes of this apparatus (filters, frequencies...)
 - the transfer of the data on PC and exploitation of the data on software for graphic and numerical analysis/function for insertion of the data on report/ratio WORD format
- 1 **accelerometer** of a **threaded end** allowing a fast and sour fixing of the accelerometer on the system to be controlled for a greater reliability of control
- 1 **accelerometer** integrated into the monitor for measurement by direct contact for direct fixing on point of measurement integrated to the MBP 011 (or on other machines possibly)
- 1 **optical tachometer**
- 1 **temperature sensor to contact**

Design features:

- Resolution: selective to 6400 lines
- Frequencies of 2Hz with 10kHz
- Selective filters passes high from 2/10HZ, 1/5kHz and low passes 1/5/40kHz
- Evaluations: acceleration (0-6000m/s²)/speed (0-9000m/s)/amplitude (0-9000mm) and shock wave (specific measurement for the bearings)
- optical tachometer 60-60000 tr/min
- Communication RS232/provided cable
- Software/omnitrend
- posting LCD 64 * 128
- batteries + charger
- autonomy: approximately 25h
- case of arrangement

Compatibility in the range:

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It is also compatible with the majority of the revolving machines.