

Machine diagnosis by experts

Condition Monitoring ◀

Valid starting: immediately

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1 VIBXPRT is an FFT data collector and vibration
2 analyzer for the monitoring and diagnosis of ma-
3 chine conditions. As a data collector, VIBXPRT
4 records all forms of machine vibrations, bearing
5 conditions as well as process and inspection data.
6 For the diagnosis of complex vibration problems
7 VIBXPRT provides comprehensive analysis functions
8 such as, e.g. order spectrum, cepstrum, orbit,
9 coast down measurement. Various cursor types,
10 machine-specific frequency markers and an exten-
11 sive bearing database are available for evaluation
12 of the signals. The evaluation of the measured
13 values is carried out with the aid of colored LEDs
14 that indicate if any of the selected broad band or
15 narrow band limits are exceeded. All collected
16 machine data are stored on a Compact Flash card
17 and transferred to the OMNITREND maintenance soft-
18 ware for further evaluation, archiving and docu-
19 mentation. VIBXPRT has two analog measurement
20 channels for almost every type of sensor, a trig-
21 ger input in addition to interfaces for Ethernet,
22 USB and serial connection (RS232). The robust
23 housing (IP64) is delivered in a practical textile
24 bag with carrying strap and storage compartment
25 for the cable and sensors. The basic VIBXPRT
26 version is a 1-channel device, which can be up-
27 graded to a 2-channel device by a special pass-
28 word. This does not require any changes to the
29 hardware.

Press release

VIBXPRT® is a registered trademark of PRÜFTECHNIK AG

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Ein Unternehmen der PRÜFTECHNIK-Gruppe

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VIBXPert® press photo



Press release

A high resolution file is available from PRÜFTECHNIK webpage
www.pruftechnik.com/vibxpert.jpg

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