

# New machine FFT diagnosis and data collection system

Condition Monitoring ◀

Valid starting: immediately

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1 PRÜFTECHNIK, the vibration analysis specialists  
2 have introduced a new FFT analyzer and data col-  
3 lector to their range of condition monitoring  
4 systems. According to the company this new addi-  
5 tion uses the latest microchip technology to make  
6 the system one of the fastest FFT analyzers on the  
7 market. Other innovations such as an automatic  
8 light sensitive keyboard and high resolution back-  
9 lit screen for easy viewing in any light condi-  
10 tions, long battery life, 102,400 lines of resolu-  
11 tion and massive on board memory capability which  
12 is upgradable to 1 gigabyte ensures that the VIBX-  
13 PERT will be a major addition to the condition  
14 monitoring market. The system measures and records  
15 all forms of machine vibrations, bearing condi-  
16 tion, as well as process and inspection data. For  
17 the diagnosis of complex vibration conditions  
18 VIBXPERT provides comprehensive analysis functions  
19 such as order spectrum, cepstrum, orbit, phase,  
20 cross phase analysis and coast down measurement. A  
21 range of cursor types, machine specific frequency  
22 markers and a comprehensive on board bearing data-  
23 base compliments this new package. In addition to  
24 1 and 2 channel FFT analysis and data collection  
25 the system is available also with 1 and 2 plane  
26 dynamic balancing capabilities. Full compatibility  
27 with the industry proven VIBCODE system for error  
28 free data collection is standard. Additionally the  
29 systems easy go, no-go LED 's which indicate vi-

Press release

VIBXPERT® is a registered trademark of PRÜFTECHNIK AG

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## Ein Unternehmen der PRÜFTECHNIK-Gruppe

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# Press release

30 bration compliance with ISO 10816-3 vibration  
31 standards makes VIBXPERT equally accessible for  
32 experts and novices alike. All collected data is  
33 stored on a compact flash card for download to the  
34 OMNITREND maintenance software package supplied  
35 with the system. The unit can be supplied either  
36 as a 1 or 2 channel package. Additionally 2 ana-  
37 logue measurement channels will accept almost  
38 every type of proprietary sensor. Ethernet, USB  
39 and serial (RS232) connectivity ensures ongoing  
40 compatibility with any PC and printer.

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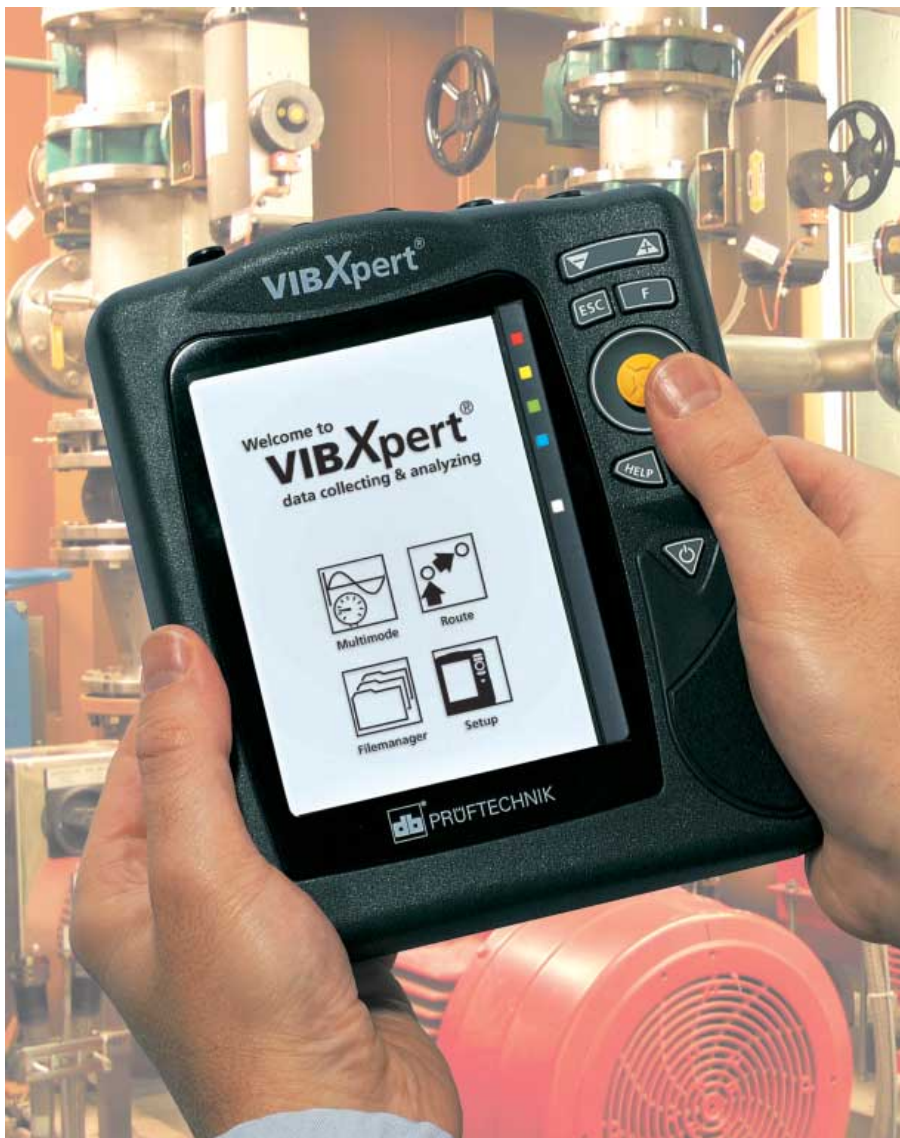
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## VIBXPert® press photo



Press release

A high resolution file is available from PRÜFTECHNIK webpage  
[www.pruftechnik.com/vibxpert.jpg](http://www.pruftechnik.com/vibxpert.jpg)

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