

Machine downtime fully under control

Condition Monitoring ◀

Valid starting: immediately

Direct enquiries to: Fax: +49(0)89/99616-300, Mrs. Ungar
eMail: info@pruftechnik.com

1 Unscheduled downtime can tear great holes into a
2 company's productivity and lead to a decline in
3 operating results. Therefore it is absolutely
4 essential for machinery to be in top form. The
5 best strategy is 'reliability-oriented maintenance'
6 based on the monitoring of specific machine
7 signals. This enables operators to detect and
8 eliminate problems early on before machine damage
9 occurs. With this strategy, service and repair
10 only take place when actually necessary - and not
11 when the system is down because damage already
12 occurred, or when the calendar or hours counter
13 says it's time for the next service run. Your
14 benefits are lower maintenance costs, longer machine
15 run times and increased productivity.

16 VIBNODE is the new online monitoring system by
17 PRÜFTECHNIK AG that supports precisely this strategy
18 without being overly complex or burdened with
19 unnecessary features and functions. With its low
20 up-front cost and modular structure that can be
21 extended as required, VIBNODE is the ideal entry-
22 level solution.

23 VIBNODE records the overall condition of a machine
24 and in addition watches over individual components
25 by monitoring the specific damage frequencies in a
26 narrow frequency band. In variable speed machines
27 it even uses tracked frequency bands. If a threshold
28 value is exceeded, the operator is informed
29 via the company network, eMail or SMS, and the FFT

10 20 30 40 50

Press release

VIBROTECTOR® is a registered trademark of PRÜFTECHNIK AG

Ein Unternehmen der PRÜFTECHNIK-Gruppe

PRÜFTECHNIK
Condition Monitoring GmbH
Oskar-Messter-Straße 19-21
D-85737 Ismaning

Telefon: 089-99616-0
Telefax: 089-99616-300
eMail: info@pruftechnik.com
www.pruftechnik.com

Sitz Ismaning / HR München HRB 145655
Geschäftsführer: Johann Lösl, Roland Schühle
USt.IdNr. DE 203 077 013
St.Nr. 143/802/32177

Commerzbank, München
BLZ: 700 400 41
Konto: 2112548

Press release

30 spectra are recorded for purposes of damage diag-
31 nosis. VIBNODE runs fully independently and can be
32 operated without a PC. For analyses and storage,
33 the collected data are transferred over the compa-
34 ny network to the OMNITREND PC software, a plat-
35 form shared by all PRÜFTECHNIK condition monitor-
36 ing products.

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38 For further highlights of VIBNODE technology,
39 please see
40 www.pruftechnik.com

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Condition Monitoring GmbH
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VIBNODE® press photo



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

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Condition Monitoring GmbH
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