

Online Monitoring - intelligent and flexible

Condition Monitoring ◀

Press release: VIBROWEB

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1 PRÜFTECHNIK Condition Monitoring presents the
2 VIBROWEB; a new, automated monitoring and diagno-
3 sis system for production-critical machines and
4 systems. VIBROWEB is completely autonomous, run-
5 ning without PC connection which makes it particu-
6 larly suitable for applications in distributed and
7 out-of-the-way machine parks (pump stations, pipe-
8 lines,...). The modular and flexible system con-
9 figuration keeps investment and installation costs
10 low and also enables the economic integration of
11 VIBROWEB into existing monitoring infrastructures.
12 VIBROWEB is designed to allow the logical connec-
13 tion of almost every type of sensor (ICP, DMS,
14 LineDrive,...). The signal conditioning for each
15 channel is carried out with the aid of special
16 plug-in cards that are simple to replace as and
17 when required. Of the 32 analog measurement chan-
18 nels, two can be measured simultaneous, with other
19 channels available for rpm measurements (8x) and
20 for digital inputs and outputs (each 4x). As all
21 the sensors are constantly supplied with power,
22 the channel changeover times and thus also the
23 duration of a measurement cycle are minimal. VI-
24 BROWEB applications include all machines with
25 rotating parts, especially aggregates that work
26 with variable rpm or under varying load condi-
27 tions. If the measured values are too high, VI-
28 BROWEB carries out the necessary diagnostic mea-
29 surements itself, where the system takes different

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VIBROWEB® is a registered trademark of PRÜFTECHNIK AG

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Ein Unternehmen der PRÜFTECHNIK-Gruppe

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30 operating states into account. If an alarm condi-
31 tion is detected, VIBROWEB promptly informs the
32 maintenance technician by eMail or SMS and attach-
33 es the relevant measured data to the eMail. The
34 evaluation and archiving of the data is carried
35 out with the OMNITREND PC software. For tele diag-
36 nosis, the specialist logs onto the system via an
37 online connection and Internet-capable browser.

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VIBROWEB® press photo



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A high resolution file is available from PRÜFTECHNIK webpage :

www.pruftechnik.com/vibroweb.jpg

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