






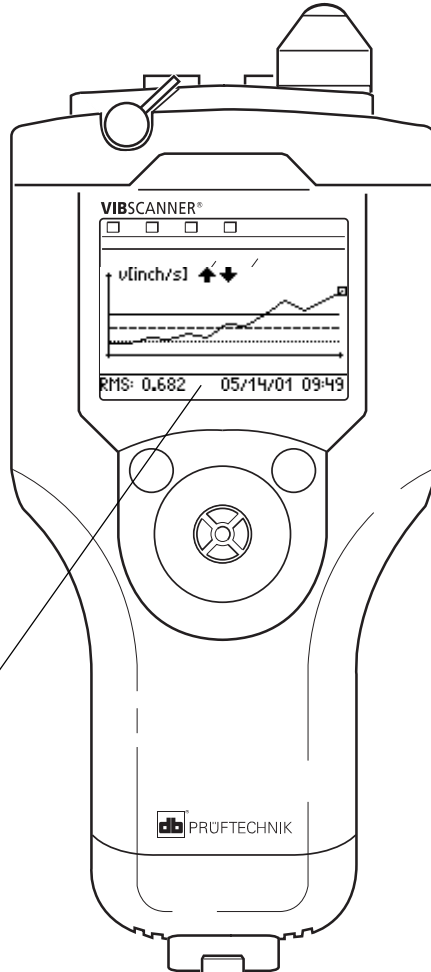


# VIBSCANNER® — Data Collector and Machine Diagnostics




## Instrument Features:

-  **Velocity** (RMS, O-P, P-P)
-  **Displacement** (RMS, O-P, P-P)
-  **Acceleration** (RMS, O-P, P-P)
-  **Shock Pulse** for bearing damage and lubrication condition
-  **Cavitation** for documentation of broadband pump energy
-  **RPM**
-  **Temperature**

Built-in trending of machine measurements




## Software Features (optional):

-  **Visual Inspection Task** (e.g., check oil levels, check belts, etc.)
-  **Manual Input** (e.g., pressure, flow rate, gauge readings, etc.)
-  **Analog input AC/DC inputs**

**Machine Scan** allows data collection in any order. Graphical display of measurement location.



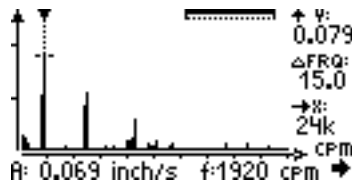
 **VIBCODE®** Automatic measurement location ID (optional).



## VIBSCANNER®, a multi-function data collector:

- ▶ Built-in sensors
- ▶ Integrated ISO 10816-3 alarms with LED display
- ▶ Simple to operate with joystick navigation
- ▶ Crisp backlit graphic display.
- ▶ Snap-in rechargeable battery pack.
- ▶ OMNITREND® PC software for measurement preparation, evaluation and archival (optional).
- ▶ Intrinsically safe 'EX' version (optional)

### ▶ FFT Analysis (optional)

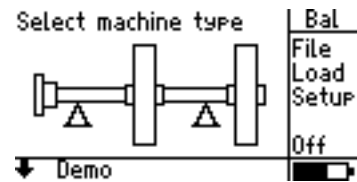


Frequency Range: 6k to 2400 kcpm  
 Resolution: up to 6400 lines  
 Max 10 capability  
 Adjustable Fmax  
 Zoom: Freely adjustable X/Y axis  
 Display: Auto scale

### ▶ Time Waveform (optional)

Phase, sequential orbit and time-sync averaging

### ▶ Balancing (optional)



Modes: 1- and 2-Plane Balancing  
 Corrective Methods: Fixed location, fixed mass, tape measure, free and combined masses.  
 Display & Operation: Step-by-step graphical user interface with help text  
 Tolerances: Built-in ISO 1940 balance tolerances ☺

### ▶ Alignment (optional)

See smartSCANNER™.