



The Allrounders – VIBROPORT 80 & VIBROTEST 80



DATA COLLECTOR MODULE

Offline monitoring, i.e. the systematic acquisition of state values on measuring routes, allows for condition-based machine maintenance. In operation the "Data Collector" Module enables the user to cost-effectively monitor a number of measuring points of rotating machinery. The task of data collection is the acquisition of measuring values at predefined measuring points or locations. For this purpose, the systematic order and the settings of each measuring point of a Route are specified using the Report & Route Manager software. The Route is transferred to the VIBROPORT 80 or VIBROTEST 80 and stored on its memory card.



Data Collector Module

HIGHLIGHTS

- **General measurement functions out of the Overalls and FFT-Analyzer Module –**
The Data Collector Module uses a number of powerful measuring functions of these two Modules in the background. In addition to the standard Overalls and FFT spectra, these include FFT-Spectra and bearing condition values (ECU and BCU), envelope spectra (SED with unit ECU as well as BCS with unit BCU) and time function, which allows to measure a short time shot. Furthermore, process values can be measured.
- **Up to 12 measuring slots & automation of data acquisition –** Up to twelve measurements/measurement types can be specified for each measuring point, which are acquired automatically and sequentially by a single keypress.
- **Comprehensive analysis & diagnostic features –** During the route inspection, the user can access a variety of implemented features in order to perform first analyses and diagnoses on site, such as cursors, zooming, displaying of the percentage change of the current overall in relation to the last measured overall, colour indication and display of band alarms, and so on.



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