



serv&care

Condition Monitoring from GEA Westfalia Separator

Continuous Condition Monitoring Ensures Higher Reliability and Availability of Your Machines

GEA Westfalia Separator **wewatch**[®] permits ongoing condition monitoring and diagnosis. With minimum personnel input, this provides you with reliable information for optimizing the installation availability and avoiding unscheduled downtime.

Vibration analysis – by handheld device:

- Temporary status evaluation carried out by an experienced specialist
- One time analysis of measuring results and recommendations

Condition monitoring with **wewatch**[®] is available in two versions – offline and online.

Offline monitoring – GEA Westfalia Separator **WatchMaster**:

The **WatchMaster** offline version monitors the actual machine condition permanently and shows it on a local traffic light LED display.

- Instrument for constant measurements of the equipment
- Measurement via on site installation
- Downloadable database of historical measurements
- Complete analysis and evaluation of historical measuring results

Online monitoring –

GEA Westfalia Separator **WatchMaster plus**:

The “online” Version **WatchMaster plus** allows additionally the monitoring und evaluation through specialists of GEA Westfalia Separator Group in the subsidiaries and headquarter in Oelde. Any servicing which has to be carried

out can be scheduled in good time to maximize reliability and productivity. With **WatchMaster plus** it is possible to step into a condition based, predictive service level agreement.

- Instrument for constant measurements of the equipment
- Measurement via on site installation
- Constant data transfer via internet
- Permanent condition monitoring of the machines and alarm handling
- Worldwide online access to the installed systems
- Only in conjunction with a service level agreement, including:
 - Regular reports concerning the condition of the machine
 - Early recognition of arising issues of the machine
 - Plannable repair work on the basis of the condition
 - Recording of key control parameters
 - Historical review of measured values and current values

Advantages

Offline:

- Clearly visible status information
- Minimized unscheduled downtimes
- Enhanced plant availability and productivity
- Additional plant safety
- Structured analysis possible

Online:

- Optimized maintenance interval scheduling
- Preventive and status-oriented service
- Minimized unscheduled downtimes
- Constant and simultaneous communication
- Additional plant safety and optimized plant availability and productivity
- Simplify Root Cause Analysis evaluation



Condition Monitoring

GEA Mechanical Equipment

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