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Product datasheet

KREBS® Smart Pumps SiteConnect™ and monitoring

If your pumping system could instantly alert you and your team if a problem occurs in the middle of the night, how would it effect your plant's throughput? What about regular reports and optimisation recommendations from FLS pumping experts? Through SiteConnect™, the sensors that are already in your pumping systems can help you increase the reliability, lower the production cost per ton and significantly reduce the carbon emissions of your mineral processing operation.

Benefits

- Optimise all pumping systems to lower power and reduce downtime
- Improved equipment performance visibility
- Automatic alerts and notifications
- Increased expert support
- Quickly respond to unplanned events
- Easy to use

Features

- App can be downloaded on any digital device
- Monitors real-time operating data
- Automatic advanced calculations for easy data interpretation
- Optional reporting and expert analysis

SiteConnect™ Monitoring is the first step toward identifying and solving problems

Our mobile app provides customer remote visibility from any mobile device

Getting started

Enrolling with SiteConnect™ takes only minutes. Connect the FLS Field Agent box to your current infrastructure, and your existing sensor signals will immediately be available for you on the cloud.

You can register any phone, computer or other digital device to access your data so that you have the information you need through our app, and it is safe from non-approved users.

Signal data further used to generate live pump performance calculations

Performance monitoring

Viewing operating information for your pump is as easy as opening the app and selecting the pump in question. You can glance through a custom overview of data points and calculations, and select any value for a history, trends and more detail. You can even set up custom charts that compare multiple data points.

Advanced calculations

Track calculations over time to review past and current pump performance. See immediately how on-site adjustments affect the pump.

Calculations include

- Suction velocity
- Impeller tip speed
- Efficiency
- % BEP Flow
- Power draw (kWh)
- Carbon footprint

Set up alerts within app to notify upon deviation outside of defined ranges

Live alerts

Do you want a notification any time key operation factors fall outside of their normal range? What about a warning when a pump is being used in a way that causes damage? You have control over what alerts you get so you never have to wonder what is happening in your plant.

Take advantage of our SiteConnect™ expert performance report generation

Optional reporting

Get reports on your schedule with whatever level of detail you need. Let our pumping experts give you personalised guidance on maintenance schedules and help you optimise your operation. With the right plan in place, you can increase your productivity and save money.

Expert report generation

- Dedicated and trained FLS reliability team will monitor pump performance at site, and will generate reports as requested
- Reports to include expert analysis of: historical and current operating data as well as key wet-end component wear life
- Upon review we will provide both process and pump recommendations to improve performance

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