



ECS/CEMSCANNER™ PREVENTIVE MAINTENANCE SERVICES

Your ECS™ kiln shell monitoring system can save you from costly and debilitating kiln damage – but only if it is working properly.

You rely on accurate results. CemScanner uses a state-of-the-art infrared scanner to monitor kiln shell temperature and tyre slip. These measurements are critical to detect the early warning signs of damage, but uncalibrated equipment – or even something as seemingly minor as a dirty lens – can undermine performance, leaving you with inaccurate figures and a false sense of security.

Unfortunately, there is no replica for CemScanner performance. Even checking the validity of measurements with a handheld pyrometer won't give you an accurate reading, which is why we have developed a preventive maintenance programme for the ECS/CemScanner.

KEY BENEFITS

01

Maintain the accuracy of your kiln shell temperature measurements

02

Peace of mind that your monitoring system is working

03

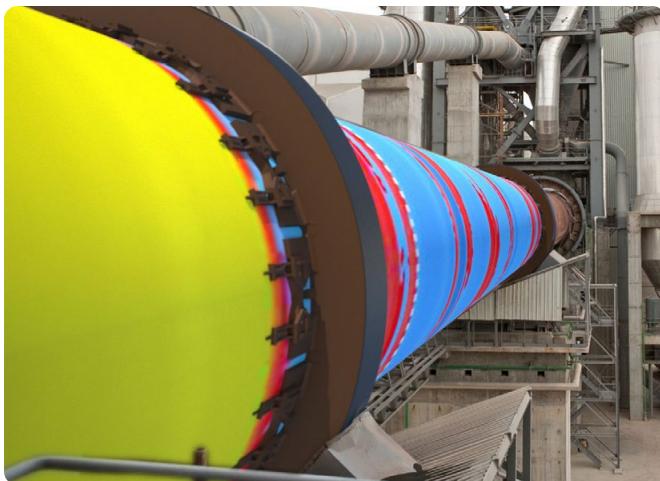
Early warning of potential hot spots or damage

04

Make the most of your investment

COMPREHENSIVE SERVICE PLAN

Preventive maintenance programme for the ECS/CemScanner™



Our preventive maintenance services ensure your ECS/CemScanner™ is taken care of. We will visit your plant and carry out a comprehensive check on the equipment, including:

- Calibrate scanner head.
- Check and correct scanner alignment.
- Replace filters, clean window, and cabinet.
- Check electrical and network connections.
- Review available software service packs and hot fixes and install as necessary.
- Complete review of the operating condition of the complete system (servers, clients, network) to find current or potential problems.
- Review alarm and event logs.
- Windows event and performance logs.
- Network monitoring.
- Security vulnerability analysis.
- Review with engineers and operators the current functionality for bugs, and areas that need improvement.
- Improve and enhance the system as necessary to ensure the system is meeting the user needs.
- Review alarm and event logs and take corrective action as necessary.
- Check system configuration.
- Customer Training

Additional services are also available, such as implementing automated kiln shell cooling fan control, and enabling your CemScanner to communicate with your data historian and analytics systems.

Don't just set and forget

Though the CemScanner is highly reliable and can operate unattended for many years, it's important that its upkeep and maintenance are considered as part of your general maintenance strategy. After all, the fallout of hot spots and kiln shell damage can severely impede production and cost you millions of dollars in repairs and lost product.

