



HiD

TECHNOLOGIES

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next generation condition monitoring



Changing the Reliability Game

A transition in condition monitoring technology, the unique and patented High Definition technologies provide extraordinary opportunities to plan maintenance and minimize downtime. The detection of very early stage gear and bearing faults has never been easier – or more efficient.

World-class condition monitoring

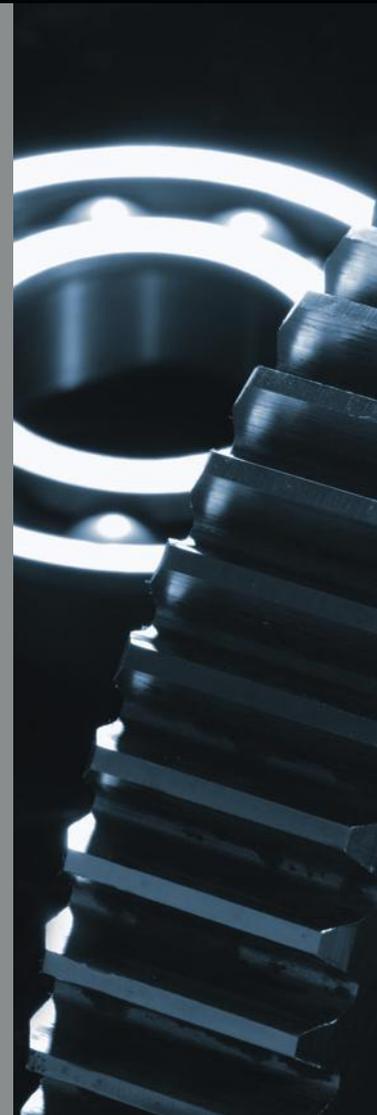
With HD technologies from SPM Instrument, condition-based maintenance enters a new age of possibilities. Whether complex or straightforward, HD technologies have the power to address and resolve your reliability issues.

Profitable maintenance - it's about time

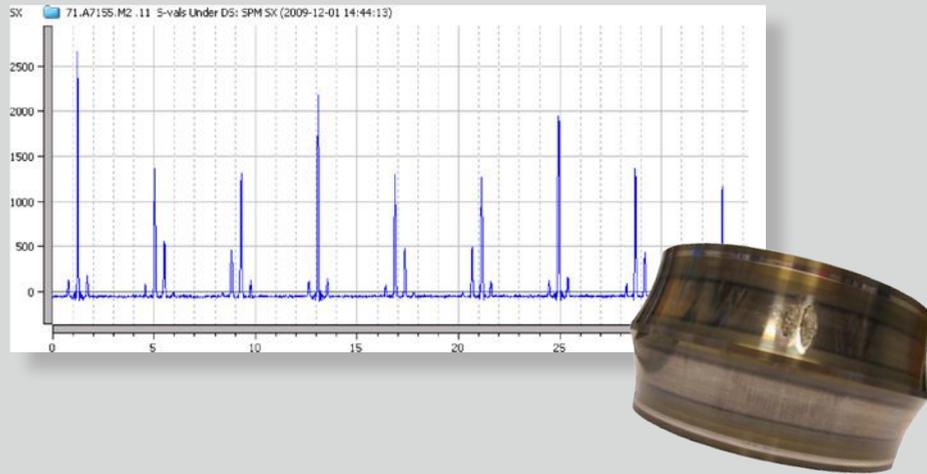
Choosing the right monitoring technology can be the difference between getting several months or just a couple of weeks to plan replacements or overhauls. HD technologies provide incomparable forewarning times, thus maximizing the planning horizon for maintenance and repairs.

Superior gear and bearing monitoring

When it comes to detecting the earliest signs of gear and bearing damage and pinpointing the source with one-of-a-kind accuracy, HD technologies overcome the limitations of conventional monitoring methods.

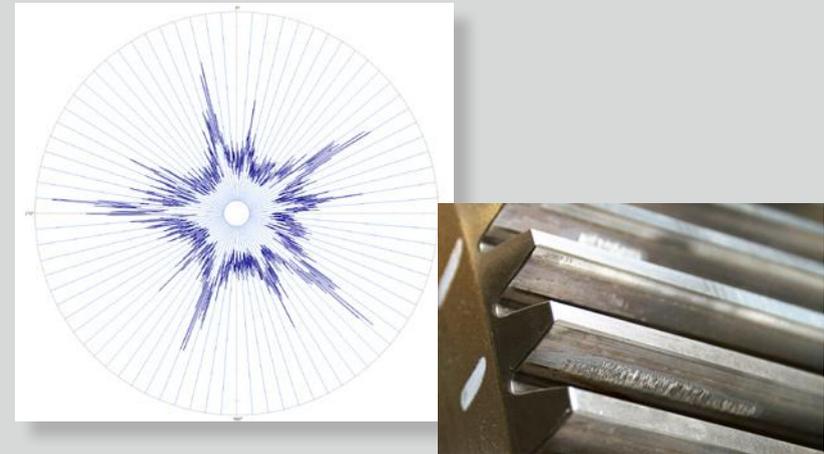


TWIN WIRE PRESS



An HD technology time signal showing an inner race damage from a twin wire press (15 RPM).

GEARBOX



Circular plot showing five distinct peaks precisely matching the damages on the real gear.



The difference is in the data

The ability to present disturbance-free condition data in high definition quality sets HD technologies apart from others. Offering the most advanced visualization technology available in condition monitoring, distorted measurement data, blurry spectrums and uncertain condition diagnoses are a thing of the past.

Supreme performance at all RPMs

HD technology is the ultimate condition monitoring solution for complex machinery - such as multistage gearboxes - or machines with extremely low or variable speeds. Our HD technologies deliver reliable condition measurement with extreme sensitivity and unrivaled clarity from below 1 RPM and upwards.

Technology and expertise you can trust

Condition monitoring is our only business, and we are passionate about what we do. We live and breathe condition monitoring and have done so for nearly fifty years. The power of our innovations enable our customers to tap into the potential of the world's most efficient monitoring technologies.

Total solutions provider

SPM Instrument exclusively develops and markets all the technology to measure, analyze and present condition data from complex machinery. We are a total solutions provider, offering a complete line of measuring techniques and high performance products for condition monitoring of industrial machinery.





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