The Power of Possibilities.

In today’s competitive world, companies are often faced with the challenge of increasing production while simultaneously reducing costs. In light of this growing challenge, Ipsen set out on a journey to create a solution that allows companies to optimize operations while also avoiding unnecessary costs. What we discovered is that companies sought to create value from the available wealth of data generated by their equipment and processes.

The solution: PdMetrics® – an innovative, data-based platform that offers comprehensive predictive maintenance solutions for your heat treatment equipment. With sophisticated monitoring and diagnostics, the PdMetrics software platform integrates with critical systems to provide you with insights never before seen in the thermal processing industry. This innovative system securely connects to a network of integrated sensors on your furnace to gather data, analyze it and provide real-time diagnostics and notifications for when maintenance or further actions are required. This allows you to improve the health and integrity of the following systems:

- Hot Zone
- Pumping System
- Cooling System
- Vacuum Integrity

Features:

- Stand-alone interface screen
- Furnace fleet analytics show the health of all furnaces at all facilities for smart factory integration
- Smart connectivity allows users to receive urgent alerts by text message or email, as well as view dashboards at the furnace, office PC, smartphone or tablet
- Technical support via Ipsen’s secure server allows Ipsen experts to quickly access the necessary data and provide optimum support*
- Advanced resources provide easy access to Ipsen experts via a tablet connection, to general maintenance guides (e.g., leak and vacuum level diagnostics) and to the furnace’s current surrounding condition

Benefits:

- Anticipate future furnace problems
- Avoid unnecessary maintenance and costs
- Ensure maximum equipment performance with real-time monitoring of critical systems
- Reduce unplanned downtime with the ability to determine inventory needs in advance and correct problem areas before they become critical
- Predict and schedule service based on the furnace’s operational and performance history
- Integrate with your service department by tracking and scheduling regular maintenance activities
- Receive furnace part replacement notifications based on usage and wear characteristics

*When used in combination with a standard network connectivity package and according to Ipsen-recommended guidelines

For more information, contact
Sales@IpsenUSA.com or 1-800-727-7625
www.IpsenUSA.com/PdMetrics
Our Story
Backed by nearly 70 years of experience, it is our mission to strengthen heat treatment through expert-driven solutions. We are committed to delivering proven technology for a range of applications that enable you to transform space exploration, improve titanium medical implants and develop more efficient cars and jet engines.

Innovation
Harold Ipsen founded Ipsen in 1948 with a vision of creating products and technologies that continuously push the boundaries of innovation to create a future of thermal processing excellence. His commitment to advancing technology is the inspiration behind our vision for the future; a future where we continue to strengthen and accelerate innovations in almost every industry. Whether it is our versatile heat treatment systems or advanced process technology, we aspire to provide cutting-edge solutions that continuously improve and refine your operations.

Technology
At the core of our solutions are atmosphere and vacuum heat-treating systems and supervisory controls systems, which are used in many mission-critical applications. This advanced equipment is developed for Aerospace, Automotive, Energy, Medical, Tool & Die and various industries across the globe. Leading our industry with more than 10,000 systems installed worldwide, we have the experience necessary to provide optimum technology that allows you to achieve maximum flexibility and meet strict industry demands. We offer global modular platforms, as well as custom designs for specialized processes and requirements.

Services
We also provide comprehensive service and support every step of the way, including assistance with developing your process, factory layout planning and integration with current production processes and factory operating systems. You can also count on our responsive ICS (Ipsen Customer Service) Team to help keep your equipment running at peak performance and minimize costly downtime through upgrades, retrofits, parts, maintenance, service and training.

With an extensive network of global locations and partnerships in America, Europe and Asia, along with representation in 34 countries, we continue to provide expert-driven solutions that strengthen heat treatment throughout the world.