

MicroMod Automation's SteamPAK series of boiler control packages

is specifically designed to make it easy for your personnel to bring your boilers back to design efficiency and keep them there, saving fuel, electricity and maintenance costs. And, **SteamPAK systems** work in conjunction with a building automation system, enhancing its overall performance.

Pre-engineered. Pre-configured

SteamPAK controls come ready-to-use, with pre-loaded control strategies that have been proven over many years in many installations. A single model number gives you everything you need.

Easy to install and commission

Every **SteamPAK** package comes with dedicated installation & startup instructions that describe exactly how to connect the field instruments and use the boiler-specific displays to start up your boiler. And **SteamPAK** is modular, so you can bring on one boiler at a time, whenever your schedule and budget permits.

Easy to operate

Your operators will have no problem using a **SteamPAK system**. Our bright, easy-to-read displays were designed by application engineers with years of boiler operating experience. They know what it takes to run a boiler.

Your panel or ours.

If you don't have a panel to mount the system, we can provide a self-contained system to hang on the wall, ready to connect and run.



Factory know-how

MicroMod knows boilers. When you buy a **SteamPAK system** you have years of expertise working for you. Our application engineers are ready to assist you and our field personnel with real boiler experience, not just product knowledge.

Positioned for the future

With state-of-the-art technology and open communications, **SteamPAK systems** provide the security and integrity of dedicated controllers with the architecture, operations and information capability of a distributed control system.

Rapid Payback

A new control strategy and updated controls can save you as much as 5% on your fuel consumption, and reduce the electricity you use to run the boiler. In many cases, the payback period has proven to be less than 12 months.

Solutions for every boiler

No matter what size, whether steam or hot water, there's a SteamPAK for your needs:

BoilerPAK

For jackshaft boilers with single-point positioning of fuel and air. Includes interface to new or existing burner management system.

TrimPAK

For single- or dual-fuel boilers, provides parallel positioning of fuel and air with O2 trim. An easy way to improve on jackshaft controls for greater efficiency and safety. Each boiler is continually adjusted for optimum fuel consumption at all times, like having a 24-hour combustion test. Using a Variable Speed Drive for air trim instead of breaking mechanical linkages means lower installation costs.



MeterPAK

Fully metered control with cross-limits for larger boilers. Includes Boiler Master/Fuel Master controller and O2/Air Master controller with fuel flow totalizers and interface to BMS.

PlantPAK

Plant master controller with automatic gain control for multiple boilers. Brings boilers online as and when required for maximum efficiency.

DrumPAK

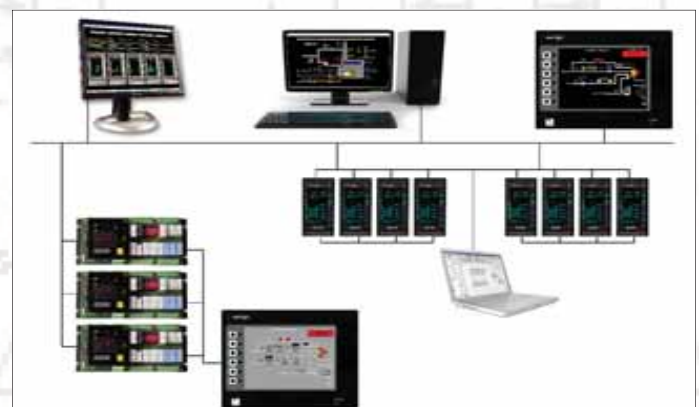
1, 2 or 3-element drum level control provide consistent steam supply, reduce maintenance to pumps and refractory, and minimize losses due to boiler outages.

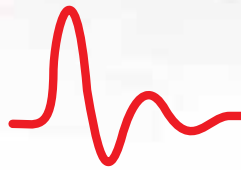
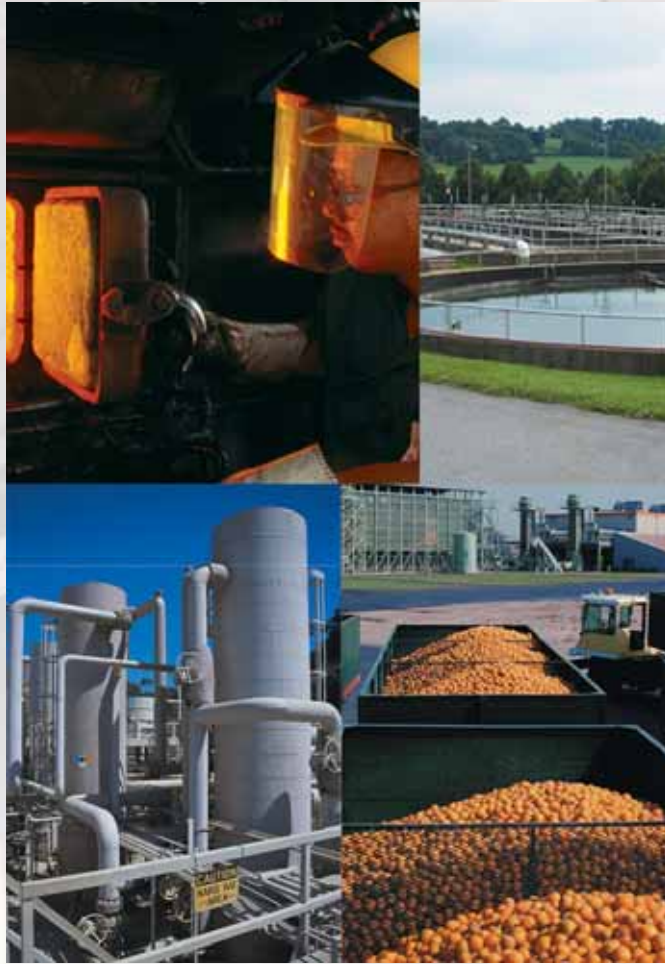
BurnerPAK

Burner Management Systems using the same software and hardware components as the rest of the **SteamPAK** family, for ease of operation and support.

The **SteamPAK** family also includes pre-configured, pre-engineered controllers for Dearator Level & Pressure, Condensate Tank and Makeup Water, and Feedwater Pressure.

Use **SteamPAK** as standalone controls or in combination with our **ViewPAK** PC software for operation, trending, alarms and reports.





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