

Pillard SMARTFLAM™

For boilers/thermal equipment burners



An effective tool to manage your thermal efficiency in real time

- Real-time monitoring system to optimize the thermal efficiency of the installation
- 4 Smart levels: survey, breakdowns detection, troubleshooting diagnosis, performance
- 4.0 tool: Installation monitoring from any device (PC, smartphone, tablet)
- Tailor-made according to the application

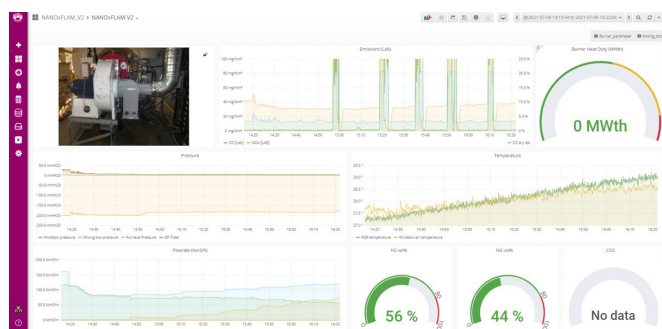
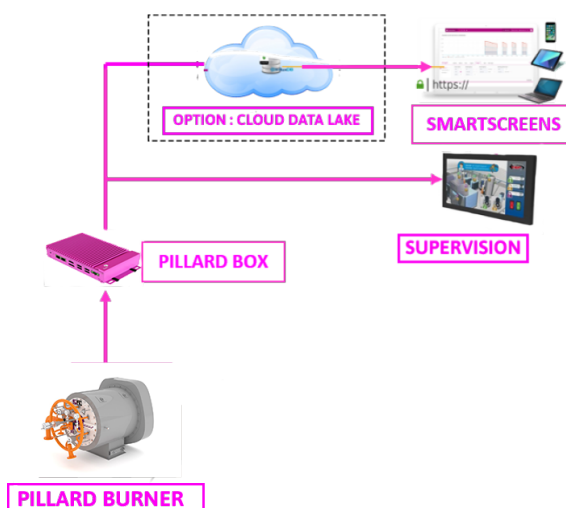
Pillard SMARTFLAM™: a digital tool to improve and monitor your boiler/thermal equipment

The PILLARD SMARTFLAM™ service enables the continuous efficiency of the installation, by recording and monitoring parameters to get a permanently optimized operation. This system informs operators in real-time in case of efficiency decrease, high oxygen values and prevents shutdowns by detecting installation faults.

THE PILLARD SMARTFLAM™ SERVICE INCLUDES

- A full package of onboard sensors on the burner connected to a junction box ("sensor box")
- A digital gateway "Pillard box" for data acquisition and exportation to the monitoring system (PC, tablet or smartphone)
- A full set of customized dashboards "SmartScreens" accessible with Edge on a monitoring screen (via a webpage) or with the Cloud(*) (PC, tablette or smartphone) through a connection with the "Pillard Box" via Wifi or 4G

(*) Cloud subscription required



BURNER PARAMETERS DASHBOARD

- User access to various accumulated values in real time
- History of accumulated values available over a one-year rolling period
- Relevant statistical calculation for different parameters
- Relevant periodic reports
- Comparison of parameters to reference values and thresholds with explicit alarms in case of overrun

MONITORING OF BURNER'S OPERATION

Measured parameters (*):

- Burner excess air
- Burner pressure drop
- Flame intensity
- Burner noise level (dB)
- Burner/equipment vibration

(*) non-exhaustive list, scalable system with a possibility of adding sensors on request



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