

AI-ADD-ON

FOR SAR COMBUSTION CONTROL SYSTEM

PROCESS & ENVIRONMENTAL TECHNOLOGY

TOP PERFORMANCE WITH AI: THE FUTURE-PROOF AI ADD-ON FOR YOUR COMBUSTION CONTROL SYSTEM

Our **SAR Advanced Combustion Control System** (SAR-ACC) has stood for maximum transparency, traceability and flexibility for years. Thanks to its modular structure, the system is continuously developed further so that operators of new or existing plants can always utilise the latest technologies. This structure makes it possible to carry out targeted expansions in order to meet constantly growing requirements.

With the new 'AI add-on', we are opening up completely new possibilities for optimising combustion control. Artificial intelligence is ideally suited to non-linear processes such as the combustion of heterogeneous fuels like Municipal Solid Waste (MSW), Refuse Derived Fuels (RDF) or biomass. The AI is able to detect complex patterns and thereby precisely predict process variables.

The advantages of the 'AI add-on'

Predictive process control:

Modern machine learning algorithms can predict important parameters and relevant process variables. This allows automated interventions to be made at an early stage, which significantly improves control quality and efficiency.

Supplement to proven systems:

The 'AI add-on' works seamlessly with existing conventional control loops and does not replace them. This means you benefit from the reliability of the tried and tested and the innovative power of AI.

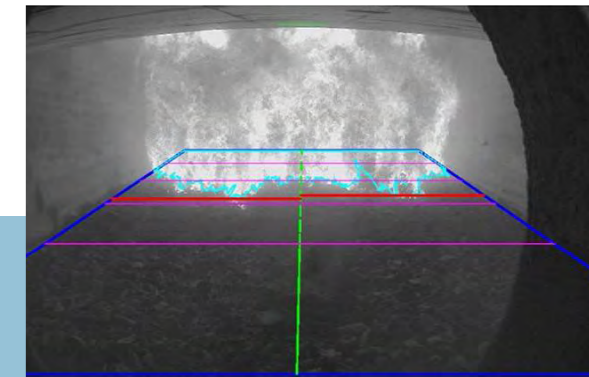
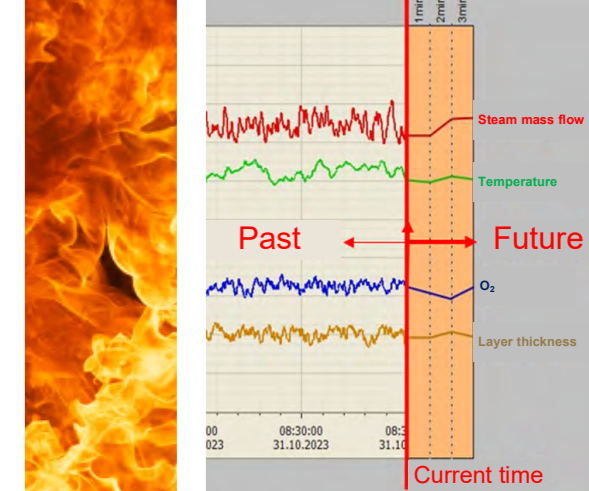
User-friendly monitoring:

A dashboard visualises the AI forecasts so that the operator only has to intervene when necessary - the rest runs automatically and efficiently in the background.

The 'AI add-on' makes your system even more powerful and future-proof without compromising the existing stability!

Discover our additional extensions and customised solutions

In addition to the 'AI add-on', we also offer other standardised add-ons such as the **SAR fire length control**, which has been successfully used in incineration lines for many years. In addition, system-specific adaptations can easily be made, for example through retrofitted measurement technology or new operating knowledge.



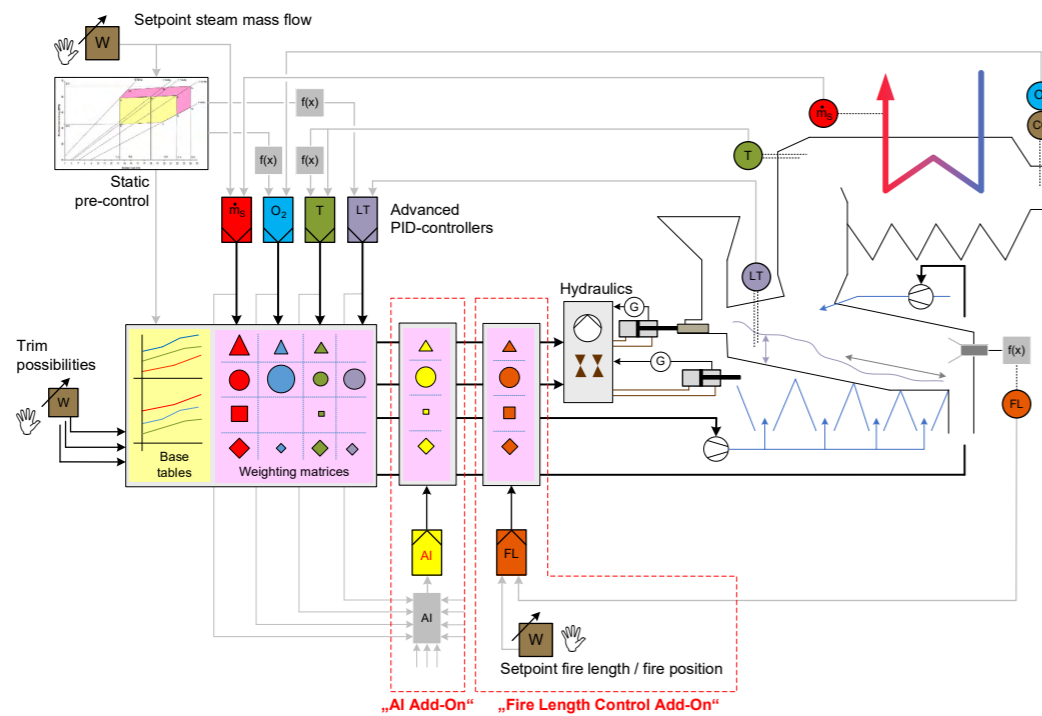
About SAR Process and Environmental Technology

For over 20 years, SAR has been a world leader in the control and regulation of plants for environmentally friendly energy generation from heterogeneous and fossil fuels. The patented **SAR Advanced Combustion Control System** is successfully used in over 200 combustion lines.

Our solutions can be used flexibly - for new plants as well as for optimising existing systems.

We offer comprehensive support, training and regular system maintenance. Ask for our reference list or write to us at put@sar.biz.

SAR - Your partner for innovative combustion control!



Symbolic and highly simplified representation.

HAVE WE PIQUED YOUR INTEREST?

For further information, please contact us at

PUT@SAR.BIZ

or visit our homepage

WWW.SAR.BIZ/PUT



www.sar.biz