

CHV NGE

Powered by Recon.



It's time to change.
Transformation from within.
For more efficiency and sustainability.

Ipsen Recon burners with inner tubes made of special ceramics achieve extremely **high degrees of thermal efficiency** and have been used successfully thousands of times every day for many years.

The next step in the Recon evolution: With Recon IV, we present a **trailblazing burner innovation** which expertly combines sustainability and economic efficiency. Here, tried-and-tested quality meets even more up-to-date advantages:



lower energy costs:

save up to 500 Euros per month and furnace



more energy efficiency:

up to ./. 50 % savings on maintenance costs



improved sustainability:

less than 100 mg NO_x/Nm³

Recon IV: also available as retrofit.

You are looking to improve the economic and energy efficiency of your equipment? By installing the Ipsen Recon IV burner as a retrofit, we bring your system up to date. Your benefits: more efficiency and safety - all without having to buy a new unit. Invest in your future now.

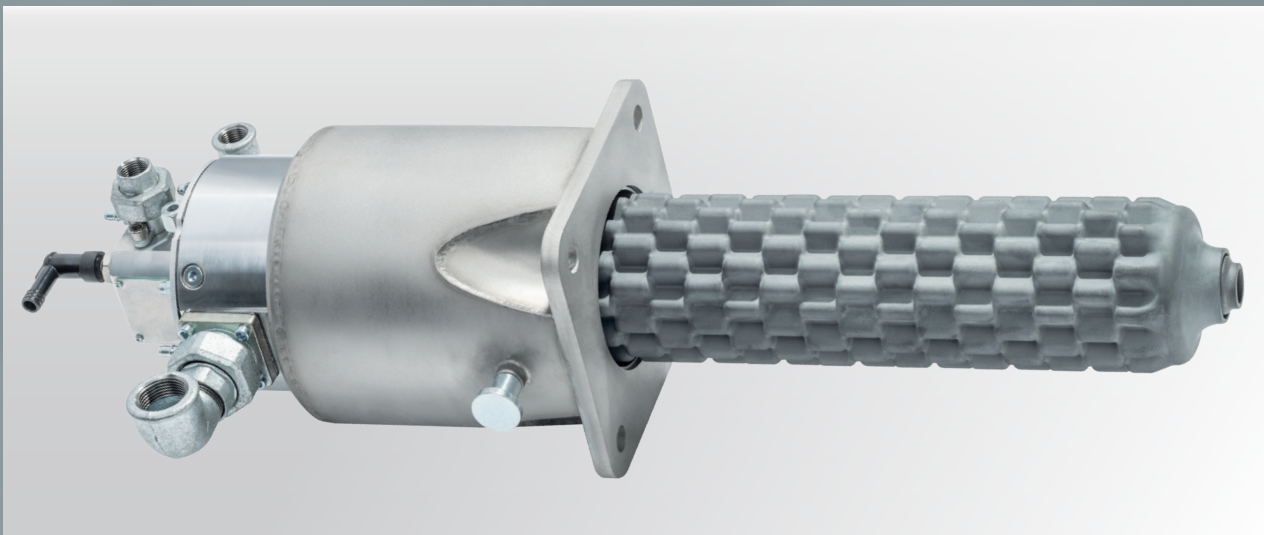
We are happy to advise you on your options.

Strong features. Recon IV at a glance.

**JOIN THE
REVOLUTION.**

Your benefits with Recon IV:

- + flameless burning process
- + can be used with hydrogen
- + up to 11 % energy savings compared to Recon III
- + extremely long lifetime
- + easy maintenance
- + also available as retrofit
- + excellent starting performance for cold and warm starts in the entire power range



- + long-lasting cooled electrode
- + ring-shaped air distribution for optimal uniformity
- + robust stainless steel casing
- + improved insulation¹⁾
- + heavily structured ceramic recuperator for high degrees of efficiency
- + second gas supply for flameless operation²⁾
- + H₂-ready (admixture 0 to 100 %)
- + encapsulated burner insulation - permanently maintenance-free

Available as Recon IV - Flameless for lowest NO_x emissions in accordance with the European MCP Directive, TA Luft 2021, and the 44. BImSchV. All geometries have been specially developed and optimized for use in Ipsen furnaces.

Inform. Change. Profit:

www.ipsen-recon-iv.com
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¹⁾ compared to Recon III with the same installation dimensions

²⁾ depending on design

Ipsen: your experienced partner for heat treatment technology.

**Innovative. Dedicated.
Service-oriented.**

For more than 70 years, Ipsen has been known for **pioneering innovations in heat treatment**. Today, we are one of the world's leading producers of heat treatment systems.

Our customer businesses include international companies from the automotive, tool, engineering, and medical technology industries as well as contract hardening shops.

We keep on moving: By continuously investing in intensive **research and development work**, we are constantly progressing for you.

We are happy to help you: Our comprehensive **Ipsen Customer Service** lets you rest assured in the knowledge that you will be supported competently and in a service-oriented manner whenever reaching out to us.



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