

Steam cleaning units of the new generation: an evolution in reliability

Renfert introduces the new POWER steamer 1 and 2

Renfert launches the technically optimized next generation of its steam cleaning units. With upgrades to key components, both POWER steamer units are engineered for uninterrupted, long term operation – ideal for the heavy-duty demands of daily laboratory routines. In the dental laboratory, steam cleaning units are among the most continuously used devices. High temperatures and constant pressure place significant strain on both materials and components. With the first-generation POWER steamer, Renfert had already established a robust and dependable system, backed by a three year warranty for added peace of mind. The POWER steamer 1 and 2 build on this foundation with redesigned elements where reliability, durability, and easy maintenance are essential.

The optimization in detail

At the core of the redesign is a newly engineered solenoid valve. Featuring a larger diameter for improved steam flow, it is built to withstand intensive continuous load. Additionally, the solenoid valve can now be replaced directly by the user when needed, reducing downtime and simplifying maintenance. Visually, the new units present a subtle facelift while retaining their proven ergonomic design. As in the first generation, Renfert continues to rely on established performance characteristics:

- Consistent power: a working pressure of 4.5 bar (65.3 psi) ensures effective cleaning
- Reliable heating system: the heating element cast inside the boiler base is protected against corrosion.
- Easy maintenance: a real-time calcification indicator and an extra-large service opening ensure efficient, safe, and user-friendly maintenance.

The POWER steamer is available in two versions: POWER steamer 1 with manual filling, or POWER steamer 2 with automatic filling via mains water connection and integrated pump, ensuring continuous steam availability.

Beyond steam cleaning: a smart, integrated system

“We recommend using distilled water or our specialized POWER steamer water softener,” explains Product Manager Jens Erich. The filtration system monitors water flow via a flow sensor and provides proactive protection against limescale damage. As an optional accessory, the STEAM tube offers a cleverly designed steam cleaning station. Renfert also demonstrates innovation in service and digital support. With the “Product Virtualizer”, users can explore the POWER steamer 2 interactively – including 3D function animations and augmented reality for virtual placement in the laboratory. Find even more information on the product page www.renfert.com/power-steamer

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More information

Renfert GmbH | Untere Giesswiesen 2 | 78247 Hilzingen | www.renfert.com

Press contact

Alberta Domnick | Tel. +49 7731 8208 898 | E-Mail: Alberta.Domnick@renfert.com