



## PRESS RELEASE

Intelligent and fully automatic softening

### **The future of building technology – JUDO i-soft PRO XL**

**Particularly economical and smartly networked: The fully automatic i-soft PRO XL water softener scores points with its innovative i-soft PRO technology and guarantees the softest water 24/7 for building technology with up to 45 residential units. Thanks to the automation of numerous processes, the system ensures smooth and particularly economical operation in XL format – including app control and digital documentation of operating data such as salt consumption.**

*Winnenden, March 2025* – Softest water 24/7 for up to 45 residential units within just one system? This is what users get with the fully automatic i-soft PRO XL softening system, thanks to the proven JUDO parallel operation and the unique i-soft PRO technology. The innovation effectively protects the entire drinking water installation against limescale deposits and the damage they cause, and is particularly economical. The intelligent water management system recognises even minor fluctuations in hardness and automatically compensates for them. The degree of water hardness is not estimated, but measured precisely using the i-guard sensor.

The patented i-salt management system uses state-of-the-art technology and AI to ensure economical and resource-saving operation. This uses sensors and complex algorithms to continuously and precisely record the salt supply and brine concentration for cost-efficient use. Together with the continuous measurement of the actual use of regenerant, an adaptive capacity control is made possible. This is achieved by analysing consumption patterns and controlling the amount of brine used. The capacity is automatically increased or reduced depending on consumption in order to achieve optimum intervals between two regenerations.

At the same time, only the exact amount of regenerant and rinse water required by the incoming, measured water quality is used – users benefit from optimised salt consumption. All information, such as documentation of the use of regenerant, water and salt consumption, is stored in the control unit – the data can then be easily transferred to a USB stick or retrieved via app, web browser and API. Property managers, for example, benefit from the



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digital documentation, as all data is available at all times and any maintenance requirements are signaled.

For optimum protection and greater safety, the water pipe can be shut off via the integrated leakage protection in the event of a leak. The integrated safety module ensures the emergency power supply and leakage protection functionality in the event of a power failure. Optionally available: The new JUDO HOME GUARD wireless floor sensor can also help to minimise damage by detecting the presence of water and informing users in good time. In addition to an acoustic warning signal, the floor sensor is visually recognisable via a round light strip. If it is linked to a JUDO micro-leakage protection system via WLAN, it triggers the system to shut off the water pipe and informs the user via the JU-Control APP. Thanks to battery operation with USB-C charging connection, the JUDO HOME GUARD does not require a tedious battery change.

The particularly simple and intuitive user interface makes operating the softener a positive experience. To ensure this, the proven i-soft PRO user experience (UX) concept has been transferred to the requirements of building technology. For example, the system can be installed in just a few clicks using the quick start mode. The entire menu navigation is designed to be particularly intuitive and the display is bevelled to ensure excellent readability. i-soft PRO XL offers an optimum operating height and can also be controlled via the JU-Control app using a smartphone, tablet or web browser. Facility managers or other system administrators can use the app to change the desired water quality, control important functions and call up information anywhere and at any time. The water softener also has an API interface for integration into local smart home systems. Only with JUDO: When the user enters the room, the MSID-Mega Status Indication Display with wake-up sensor on the front of the system switches on automatically. It intuitively displays the operating status, warning and fault messages, a water flow rate and the currently measured salt level as the user approaches.

The practical salt storage container ensures convenient maintenance and easy cleaning: it can be moved independently of the technical unit, hose connections near the bottom of the container enable thorough rinsing and the generous container opening makes topping up with regenerating salt a snap.

Press Office · JUDO Wasseraufbereitung GmbH · Postfach 380 · D-71351 Winnenden  
Phone: +49 (0)7195 - 692-0 · Fax +49 (0)7195 692 - 110 · E-Mail: [presse@judo.eu](mailto:presse@judo.eu)

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### Caption:



**Image 1:** Ultimate power: i-soft PRO XL guarantees the softest water 24/7 in particularly economical operation.



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### **About JUDO Wasseraufbereitung GmbH**

With over 85 years of experience, JUDO Wasseraufbereitung GmbH is an expert and pioneer in the field of water treatment technology. The aim of the globally active company from Winnenden is to treat water using innovative and sustainable processes. JUDO regularly launches plants and systems onto the market that play a key role in shaping the industry. The portfolio includes solutions for filtration, softening, demineralisation, alternative limescale protection, micro-leakage protection and mineral dosing – with the aim of optimally treating water for different applications. JUDO sees itself as a competent partner in every situation: customers receive everything from a single source – from advice and customer service to products.

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