

# Media Release

High dynamic temperature control systems for laboratories and industrial applications

## **New Presto® W50 and W50t**

**JULABO's new PRESTO® models W50 and W50t provide a high dynamic temperature control system that can handle temperature ranges of -50°C to +250°C. Covering such an extremely broad temperature range means that the equipment is well-suited for demanding temperature applications such as reactors, mini-plants, pilot plants, material testing stands, micro-reactors, and material and component tests in the auto industry, for example.**

The new water-cooled PRESTO® models are available in two versions: the W50 and the W50T with increased heating capacity. Both models cover an extremely broad working temperature range, from -50 °C to +250 °C.

The PRESTO® W50 provides a heating capacity of 6 kW, while the W50t provides double the heating capacity at 12 kW. Both instruments have a cooling capacity of up to 7.5 kW. They are ideally suited for compensating exothermic and endothermic reactions extremely quickly and have impressive, very rapid heat-up and cool-down times.

High-performance, maintenance free pumps deliver up to 3.2 bar or 76 l/min. Both models guarantee high flow rates at constant pressure and can interactively compensate changes in the viscosity of the tempering medium.

The integrated 5.7" industrial color touchscreen of the new PRESTO® provides high functionality and intuitive user guidance. Clear and well structured displays for values and graphics, all important information at a glance, detailed and easily understandable warning and help texts - these are just some of the advantages.

Extensive interfaces allow flexible usage, such as control and regulation via USB interface, data logging via USB or SD Card, integration in process bus solutions (i.e.,

Profibus), remote control via Ethernet networks or wireless control through JULABO's *WirelessTEMP* application.

Competent advising, a collaborative search process for suitable solutions with the customer and many other customer services ensure that JULABO users find the ideal temperature control solution. JULABO supports its customers with installation and calibration, preparation of documentation for equipment qualification and application training so that the JULABO users can quickly and confidently master their equipment and use them for a long time.

### **[The new PRESTO® on the internet](#)**

(<http://www.julabo.de/de/presto>)

### **[PRESTO® W50 on the internet](#)**

(<http://www.julabo.com/us/products/highly-dynamic-temperature-control-systems/temperature-control-presto/presto-w50>)

### **[PRESTO® W50t in the internet](#)**

(<http://www.julabo.com/us/products/highly-dynamic-temperature-control-systems/temperature-control-presto/presto-w50t>)

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### **[Download whitepaper "Optimal Temperature Solution"](#)**

(<http://www.julabo.com/sites/default/files/Downloads/News/english/Whitepaper-Optimal-Temperature-solution-EN.pdf>)

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**Julabo GmbH**

JULABO was founded in Germany in 1967. The company represents innovation and competence in the field of temperature control technology for demanding applications. JULABO instruments with advanced control technology are used anywhere that high temperature precision or rapid reactions to temperature changes are required. More than 450,000 JULABO units installed around the world demonstrate a high level of acceptance among users in research and industry. JULABO has earned its place as one of the world's leading firms in the field of temperature control solutions through its dedication to quality, German engineering, and rapid, competent support provided by local contacts.

Pictures:

