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YEARS  
1967 – 2017

**Julabo**  
THE TEMPERATURE CONTROL COMPANY

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## Press Release

### New temperature control technology for demanding applications Control temperature precisely with DYNEO

*Seelbach, 6/5/2018* Immersion circulators, heating circulators, and refrigerated circulators of the new DYNEO series incorporate pioneering technology with high standards for accuracy, cost efficiency, ergonomics, and precision in temperature control. With their high heating and cooling capacities and forward-facing control, DYNEO units are designed for modern laboratories. Units of the DYNEO series are user-focused, with a unique rotary knob for a new, modern method of control. Conveniently located on the front side of the circulator head, it provides direct access to the menu for control of all functions and settings. Unlike similar instruments with a touch display, the rotary knob gives the user tactile verification of each completed action. DYNEO's sophisticated yet straightforward operating concept makes it easier to quickly access the most frequently used functions. Their robust and bright display is suitable for industrial environments and easily readable even from a distance. With a large selection of models, such as immersion circulators, refrigerated circulators, and heating circulators, for use with a bath or in a closed loop, DYNEO is ready to handle virtually any temperature control task.

Powerful refrigerated circulators have a temperature range of -50 °C to +200 °C with a heating capacity of 2 kW. Pump capacity of the DD models is 22 l/min with pressure of 0.6 bar. DS models are equipped with higher performance pressure/suction pumps with a flow rate of 23.5 l/min and pressure of 0.45 bar (pressure) and 0.4 bar (suction). The cooling machines operate precisely and reliably even at elevated ambient temperatures up to +40 °C.

DYNEO immersion circulators offer the greatest flexibility. They are delivered with a stable and robust bath clamp and can be mounted on any container up to 50 liters in volume. Immersion circulators are used for internal temperature applications and cover a working temperature range of +20 °C to +200 °C.

DYNEO heating circulators for internal and external applications are available for applications of 4 to 26 liters and are equipped with an integrated cooling coil for counter-cooling.

Be sure to visit us in Hall 4.2 (Booth J38) at Achema 2018 in Frankfurt for more information about the new units of the DYNEO series.

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DYNEO circulators are available in combination with heating baths as well as with heating and refrigerated baths.



DYNEO Refrigerated/Heating Circulators



DYNEO Heating Circulators

JULABO was founded in Germany in 1967. The company represents innovation and competence in the field of temperature control technology for demanding applications. Mit modernster Regeltechnik ausgestattete JULABO Geräte sind überall dort im Einsatz, wo höchste Temperaturgenauigkeit oder schnellste Reaktion auf Temperaturveränderungen gefragt ist. 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.