

Julabo DYNEO DD-300F Refrigerated/Heating Circulator



Working temperature range of -25°C to $+200^{\circ}\text{C}$.

Rating: Not Rated Yet

Price

Sales price \$4,250.00

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Manufacturer: [Julabo](#)

Description

Powerful, precise temperature control for internal and external applications in a compact design. The DYNEO DD-300F is a refrigerated/heating circulator designed for demanding laboratory temperature applications. It supports both immersion of samples in the bath tank and circulation to external apparatus, offering a wide working temperature range, high stability, and flexible pump performance with an intuitive color TFT interface.

Key Features:

Working temperature range of -25°C to $+200^{\circ}\text{C}$.

Excellent temperature stability of $\pm 0.01^{\circ}\text{C}$ with PID control.

Powerful cooling capacity (e.g., 0.3 kW at $+20^{\circ}\text{C}$ down to 0.08 kW at -20°C , ethanol).

Heating capacity of 1 kW (115 V models) or 2 kW (230 V models).

Infinitely variable pressure pump: 8–27 L/min flow rate and 1.5–10.2 psi pressure.

Easy switch between internal and external circulation.

Large color TFT display with multilingual interface and central rotary knob for intuitive operation.

Integrated programmer (8 × 60 program steps), external Pt100 connection, and USB port (RS232 or analog interfaces optional).

Optimized cooling coil design that maximizes usable bath space; stainless-steel bath tank (3–4 L fill volume) with integrated drain and included bath cover.

Compact dimensions (approx. 9.4 × 16.5 × 26 in) with Class III (FL) classification per DIN 12876-1; suitable for ambient temperatures up to $+40^{\circ}\text{C}$.

Comes with our 90-day warranty.

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