

## PRODUCT DATA SHEET

Standing: 2024-09-05

### LAUDA ECO Gold

Immersion thermostat 100 V; 50/60 Hz

Part Number: L001083

#### Features

- Immersion thermostat with latest microprocessor technology
- Coloured TFT display for simultaneous indication of actual & set values and graphic illustration of the temperature profile
- User friendly menu navigation in plain language
- Easy input via cursor and soft keys. Additional Tmax key for overtemperature protection
- Fully electronic continuous controller with PID action
- Safety class III for operation with flammable and non-flammable liquids. Over-temperature cut-out adjustable via menu
- Vario pump with six adjustable performance levels
- Easy control of the flow rate between internal and external circulation during operation without contact with the bath
- USB interface as standard
- Upgradeable with an interface module (analogue module, contact module, RS 232/485 module, Profibus, Ethernet-USB module)
- Upgradeable with Pt 100/LiBus module for external control and remote control via Command console
- Programmer with 150 temperature/time segments that can be separated into 5 programs
- With screw clamp for bath vessels with a wall thickness of up to 25 mm and an immersion depth of min. 150 mm



Reserve technical changes



Working temperature min.  
20 °C



Working temperature max.  
200 °C

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Geschäftsführer:  
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Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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### Technical Features (according to DIN 12876)

Working temperature range	20 ... 200 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.01 ± K
Heater power max.	1 kW
Power consumption max.	1.1 kW
Current max.	11 A
Pump Pressure max.	0,6 bar
Pump flow rate max. (pressure)	22 L/min
Overall dimensions (WxDxH)	130 x 135 x 325 mm
Weight	3 kg
Power supply	100 V; 50/60 Hz
Power plug	Power cord with plug (NEMA 5-15P)

### Standard accessories

- 1 screw clamp

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