

PRODUCT DATA SHEET

Standing: 2024-01-19

LAUDA PRO P 2 E

Heating circulator 200-230 V; 50/60 Hz

Part Number: L000253

Features

- Thermostatic circulator with latest microprocessor technology. Installed cooling coil
- Bright and high-contrast graphic OLED display
- Integrated programmer, 1 programme with max. 20 segments
- Operation with Cursor- and Softkeys
- EasyUse system for simple operation of the whole unit
- SelfCheck Assistant for system diagnosis
- Command console can be detached and used as remote control
- Tower design with small footprint
- Low filling volume enables rapid changes in temperature
- Bath vessel made of stainless steel (insulated, with overflow and drain tap)
- LAUDA Varioflex pump (pressure/suction) with 8 selectable levels, connections rear
- USB and Ethernet interface equipped as standard
- Retrofittable for upgrading with interface (RS 232/485, Profibus; EtherCAT; analogue or contact modules)
- Fully electronic continuous controller with PID action for internal & external control
- PowerAdapt system for the use of the maximum possible amount of heat permitted by the power supply system
- Low-level and adjustable over-temperature protection with acoustic alarm for use with flammable and non-flammable liquids



Reserve technical changes



Working temperature min.
80 °C



Working temperature max.
250 °C

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Geschäftsführer:
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Dr. Ralf Hermann, Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

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Technical Features (according to DIN 12876)

| | |
|---|----------------------------------|
| Working temperature range | 80 ... 250 °C |
| Working temperature range with external cooling | 20 ... 250 °C |
| Operating temperature range | -30 ... 250 °C |
| Ambient temperature range | 5 ... 40 °C |
| Temperature stability | 0.05 ± K |
| Heater power max. | 2.5 kW |
| Power consumption max. | 2.7 kW |
| Current max. | 12 A |
| Pump Pressure max. | 0,7 bar |
| Pump suction max. | 0,4 bar |
| Pump flow rate max. (pressure) | 22 L/min |
| Pump Flow rate max. (suction) | 20 L/min |
| In / Outlet connection thread (outside) | M16 x 1 |
| In / Outlet Ø olives | 13 mm |
| Filling volume min. | 2.4 L |
| Filling volume max. | 4.4 L |
| Overall dimensions (WxDxH) | 250 x 365 x 425 mm |
| Power supply | 200-230 V; 50/60 Hz |
| Power plug | Power cord with plug (NBR 14136) |

Reserve technical changes

Standard accessories

- 2 screw caps, 2 closing plugs
- 2 nipples 13 mm for pump connectors
- 2 nipples 10 mm with screw cap G3/8 for cooling water

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