

PRODUCT DATA SHEET

Standing: 2024-11-04

LAUDA Proline PJ 12

Calibration therm. 100 V; 50/60 Hz

Part Number: L001947

Features

- Calibration thermostatic bath with latest microprocessor technology and installed cooling coil
- Easily readable green LED display for temperature
- User-friendly menu guidance with simplest 3-key operation
- EasyUse system for simple operation of the whole unit
- SelfCheck Assistant for system diagnosis
- 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
- LAUDA Varioflex pump (pressure) with 8 selectable levels
- Option for upgrading with up to 2 interfaces (RS 232/485, Profibus, analogue or contact modules, Ethernet-USB module)
- 2-chamber construction for constant level in the thermostating chamber
- Pump connectors on the side and in the back, installed bypass
- Bath vessel made of stainless steel (insulated, with handles and drain tap)



Working temperature min.
30 °C



Working temperature max.
300 °C

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Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

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Technical Features (according to DIN 12876)

| | |
|---|-----------------------------------|
| Working temperature range | 30 ... 300 °C |
| Working temperature range with external cooling | 20 ... 300 °C |
| Operating temperature range | 0 ... 300 °C |
| Ambient temperature range | 5 ... 40 °C |
| Temperature stability | 0.01 ± K |
| Heater power max. | 1.3 kW |
| Current max. | 15 A |
| Power consumption max. | 1.5 kW |
| Pump Pressure max. | 0,8 bar |
| Pump flow rate max. (pressure) | 25 L/min |
| Bath volume min. / max. | 8.5 / 13.5 L |
| Size of bath (ØxH) | 120 x 320 mm |
| Overall dimensions (WxDxH) | 220 x 360 x 574 mm |
| Weight | 20 kg |
| Power supply | 100 V; 50/60 Hz |
| Power plug | Power cord with plug (NEMA 5-20P) |

Reserve technical changes

Standard accessories

- 1 Bath cover
- 4 screw caps, 4 closing plugs
- 2 nipples 13 mm for pump connectors
- 2 nipples for cooling coil

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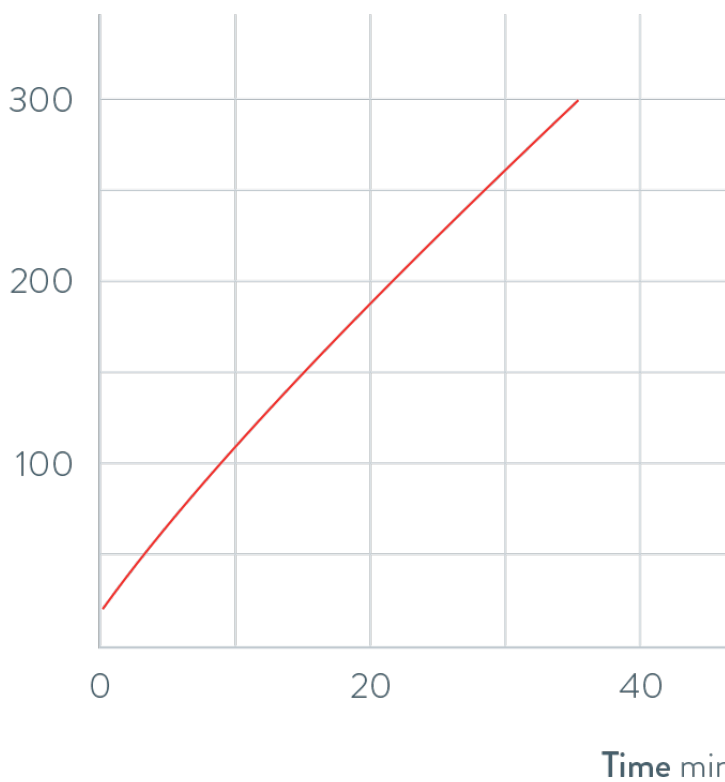
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HEATING PERFORMANCE Heat transfer liquid: Ultra 240, bath closed

Bath temperature °C



PJ 12/PJ 12 C
(up to 300 °C)
PJL 12/PJL 12 C
(up to 200 °C)

Reserve technical changes

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