

## PRODUCT DATA SHEET

Standing: 2024-11-04

LAUDA Proline PJ 12 C

Calibration therm. 230 V; 50/60 Hz

Part Number: L001928

### Features

- Calibration thermostatic bath with latest microprocessor technology and many functions for programming and information and installed cooling coil
- Back-lit graphic LCD display with high resolution and different display modes
- Additional green LED display for temperature
- Input either via cursor keys, numeric soft keys or both. Additional Tmax key for overtemperature
- Command console can be detached and used as remote control
- 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
- Optically decoupled RS 232/485 interface integrated as a standard
- Option for upgrading with up to 2 interfaces (RS 232/485, Profibus, analogue or contact modules, Ethernet-USB module)
- Programmer with 150 temperature/time segments that can be separated into 5 programs
- Timer function for switching on the thermostat, entering the standby mode or running of programs
- 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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WEEE-Reg-Nr.: DE 66 42 40 57

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Persönlich haftende Gesellschafterin:  
LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
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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.                               | 2.9 kW                               |
| Current max.                                    | 13 A                                 |
| Power consumption max.                          | 3 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 630 mm                   |
| Weight  | 19 kg                                |
| Power supply                                    | 230 V; 50/60 Hz                      |
| Power plug                                      | Power cord with angled plug (BS1363) |

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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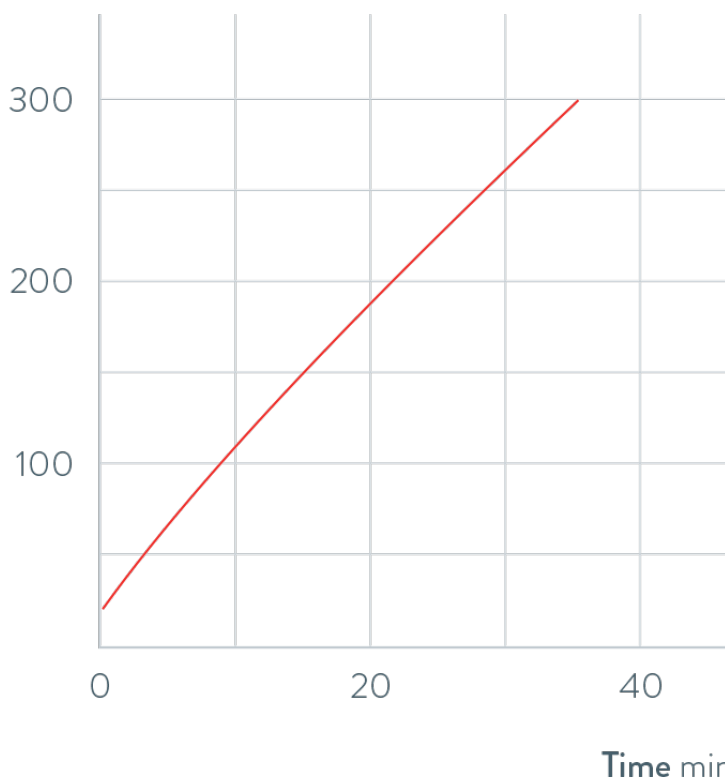
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### HEATING PERFORMANCE Heat transfer liquid: Ultra 240, bath closed

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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