

## PRODUCT DATA SHEET

Standing: 2025-03-04

LAUDA Puridest PD 4 D

Water still 400 V; 3/N/PE; 50/60 Hz

Part Number: L003021

### Features

- Water Still (fully automatic) for double distillation, suitable for both bench and wall mounting
- Main switch with pilot lamp for the monitoring of both distillation stages at the front of the unit
- Valve made of Borosilicate glass 3.3 with PTFE plunger for single distillate
- Outlet with dust guard shield made of Borosilicate glass 3.3 for double distillate
- Condenser (cooling coil) 1st stage made of stainless steel
- Condenser (cooling coil) 2nd stage including the baffle made of DURAN® Borosilicate glass 3.3.
- Solenoid valve to control the water supply
- Economical energy consumption by distillation of the heated cooling water.
- Water saving through automatic water cut-off. Unnecessary water consumption will be avoided.
- Evaporator easily accessible for cleaning purposes.
- CO<sub>2</sub> degassing through outlet in the condenser.
- Electronic contamination monitoring of the still with distillation stop and visual cleaning instruction
- Electronic level control during the whole distilling process.
- Double-action low water cut-off through float switch and thermostatic safety switch.
- Heating element and evaporator made of stainless steel.
- Housing made of galvanised sheet steel, powder coated
- Double-walled housing



Reserve technical changes

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LAUDA DR. R. WOBSEY Verwaltungs-GmbH  
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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

|  |   |
|--|---|
| Conductivity stage 1 /25 °C            | 2.2 µS/cm   |
| Conductivity stage 2 /25 °C            | 1.6 µS/cm   |
| Production output                      | 4 L/h   |
| Heater power max.                      | 7 kW  |
| Power consumption max.                 | 7 kW  |
| Cooling water flow rate                | 2 L/min   |
| Pressure difference cooling water min. | 3 bar   |
| Maximal pressure cooling water         | 7 bar   |
| Water cooling inlet for hose           | 1/2 "   |
| Overall dimensions (WxDxH)             | 550 x 280 x 570 mm                                      |
| Weight                                 | 28 kg   |
| Ambient temperature range              | 10 ... 40 °C  |
| Power supply                           | 400 V; 3/N/PE; 50/60 Hz                                 |
| Power plug                             | Power cord with plug (IEC 60309, 5-pol, CEE, red, 16 A) |

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