

## PRODUCT DATA SHEET

Standing: 2022-04-27

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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Dr. Ralf Hermann, 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
Wasserkühlung Zulauf für Schlauch	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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