

PRODUCT DATA SHEET

Standing: 2024-01-18

LAUDA Puridest PD 4 DG

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

Part Number: L003024

Features

- Glass Water Still (fully automatic) for double distillation, suitable for both bench and wall mounting
- Distillate withdrawal through hose connection at the right-hand side.
- Evaporators, condensers and overflows are made of DURAN® / Borosilicate glass 3.3.
- Condensers with dribble guard.
- Sterillisation of the condensers by steam.
- 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.
- Visible distillation process due to the easily removable, unbreakable front screen which does not steam up.
- CO₂ degassing through outlet in the condenser.
- Electronic level control during the whole distilling process.
- Water level control in the boiler automatically switches off the power in case of water shortage.
- Electronic impurity detector effects rinsing and cleaning of the evaporator by automatic water change.
- Quartz sheathed heating elements.
- Housing made of galvanised sheet steel, powder coated



Reserve technical changes

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Geschäftsführer:
Dr. Gunther Wobser (Vors.), Dr. Mario Englert,
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.	5.8 kW
Power consumption max.	5.8 kW
Cooling water flow rate	2.4 L/min
Pressure difference cooling water min.	3 bar
Maximal pressure cooling water	7 bar
Wasserkühlung Zulauf für Schlauch	1/2 "
Wasserkühlung Ablauf für Schlauch	1/2 "
Overall dimensions (WxDxH)	650 x 365 x 390 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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