

PRODUCT DATA SHEET

Standing: 2023-09-25

LAUDA Puridest PD 4 R
Water still 230 V; 50/60 Hz
Part Number: L003014

Features

- Water Still for single distillation (fully automatic) with storage tank, suitable for both bench and wall mounting
- The distillate storage tank accepts twice the hourly capacity of the still
- Distillate withdrawal through drain cock with continuous and touch position.
- Condenser (cooling coil) inside the storage tank, easily exchangeable.
- 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.
- CO₂ degassing through outlet in the condenser.
- Electronic contamination monitoring of the still with distillation stop and visual cleaning instruction
- Automatic refill of the storage tank after distillate removal, controlled by electronic level detection
- Thermostatic low water cut-off
- Heating element, evaporator, storage tank and condenser made of stainless steel.
- Housing made of galvanised sheet steel, powder coated
- Double-walled housing



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	2.3 µS/cm
Production output	4 L/h
Tank volume	8 L
Heater power max.	3 kW
Power consumption max.	3 kW
Cooling water flow rate	0.8 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	3/4 "
Overall dimensions (WxDxH)	620 x 330 x 460 mm
Weight	21 kg
Ambient temperature range	10 ... 40 °C
Power supply	230 V; 50/60 Hz
Power plug	Power cord with angled plug (CEE7/7)

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