

D-100

Fully automatic and maintenance free distiller. The unique self-cleaning function eliminates the need for dismantling and manual cleaning.

The D-100 offers 100% higher capacity than the previous version D-50, with even more compact physical dimensions.



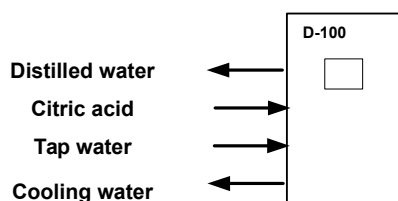
Unique capabilities

- Automatic cleaning.
- No need for pre-filter.
- Occasional or continuous “24/7” operation.
- Lowest operation cost in the market, approx 0.1 Euro/litre water.
- Precise production. Set volume and fill up any vessel.
- Automatic sterilization.

Technology

- Microprocessor controlled
- Touch display.
- Automatically cleaned with citric acid from reservoir.
- Water saving by efficient heat exchanger and PID control of cooling water.
- Electricity saving by use of preheated water.
- No risk of overheating or running dry. Fully protected by alarms.
- CE-certified.
- All stainless steel.
- Made in Sweden.
- 1 year world wide product warranty of entire product.

Principle



Technical data

Distilled water	
Capacity	100 litres/24 hours
Purity	Sterile, 1-2 µS/cm*
Temperature	5 °C higher than supply water.
Liquid supply	
Water quality	Tap water
Pressure of inlet water	(1.5) 2 to 5 barg (20) 30-70 psi
Water consumption	7 litres/litre distilled water
Electric supply	
Power adjustable, standby	750-3000 W, 10 W
Voltage	(208)-240 VAC / 50-60 Hz
Energy consumption	0.7 kWh/litre distilled water
Citric acid	
Tank volume	1 litre
Consumption	Average 0.5 ml/litre distilled water
General	
Bench top	
Dimensions (WxHxD)	190x370x350 mm
Weight	9 kg
Enclosure material	Powder coated Al
Ambient temperature	+5... +30 °C
Wetted materials	316 SS, (Viton sealings)
Fluid connections	6 mm Compression fitting
Certification / Warranty	CE certified / 1 year full warranty

* after equilibrium with air and degassing of CO2.

Distillation

Distillation removes inorganic solids, organics with higher boiling point than water, bacteria and pyrogens from water. Distillers can be turned on after standstill and instantly produce pure water without cleaning or replacement of filters. The distillation process offers autonomy and produces pure water without need for expensive product specific consumables like filters or cartridges.

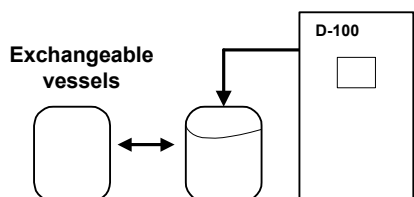
Rear panel



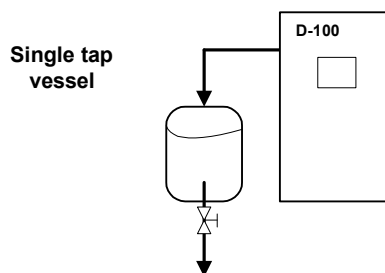
Proposed setup



Operation



The unit can be used to fill up exchangeable vessels. Place a vessel at the outlet and set the volume of the vessel. Press start. The unit fills up the vessel with newly produced water. When the set volume is produced the unit stops production and goes to standby.



The unit can also be used with a fixed external vessel that is filled up by the unit. In this way water is available for high flow instant tapping.

Filling can optionally be done with an initial steam sterilisation of the vessel.

Contact - Direct sale world wide

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