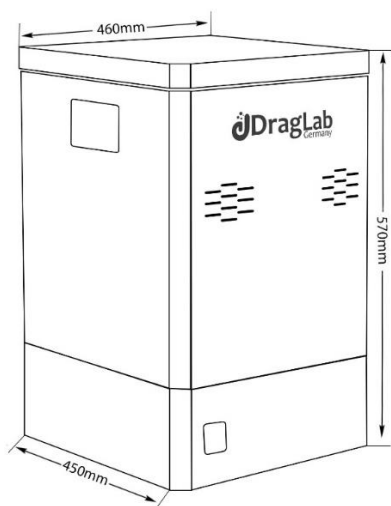


## Laboratory Water Still DS 4000

Professional fully automatic water distiller. DragLab water still made of high-quality stainless steel. Designed for producing 4Litter per hour of high purity distillate with part-time personnel control.



### Dimensions



### Important Features

#### Capacity

- 4 litter/h.

#### Quality

- Durable, reliable, and efficient.

#### Efficiency

- High purity distilled water - conductivity approx. 2,5  $\mu\text{S}/\text{cm}$ .

#### Control and safety system

- Automatic water switching and power cut-off.
- Electronic water level switch.
- Audible and visual alarm.

#### Easy to use

- Easily accessed evaporator tank for effortless cleaning and maintenance.
- The unit is suitable for both bench and wall mounting.
- Bar light indicator for water level.

#### Material

- All material contact water is made of stainless steel AISI 304.
- Heating elements are made of high-quality stainless steel.

#### Complete and ready to use

- All parts and tools for installation included.

#### Safety

- Automatic thermostatic cut-off.

#### Certificate

- CE Certificate.

#### Warranty

- 2 years warranty worldwide.

## Technical Specifications

| Capacity                    |                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacity                    | 4 litter / hour                                                                                                                                                                              |
| Consumption                 | 40 litter / hour                                                                                                                                                                             |
| Conductivity                | Approximately 2,5 µS/cm                                                                                                                                                                      |
| Control technology          |                                                                                                                                                                                              |
| Fully Automatic             | Automatic thermostatic power cut-off, in case of low water, to protect the heating element<br>Automatic power on when the water level reach safety line in the evaporator tank               |
| Water supply                | Solenoid valve built-in connection for evaporator and condenser.<br>Automatic solenoid valve switching on/off depending on water level in evaporator tank                                    |
| Standard equipment          |                                                                                                                                                                                              |
| Internal material           | Tank made of stainless-steel material no. EN 1.4301<br>Condenser (cooler) made of stainless steel, material no. EN 1.4301<br>Heating element made of stainless steel, material no. EN 1.4876 |
| External material           | Housing material made of galvanized steel, electrostatically powder-coated                                                                                                                   |
| Degassing system            | Degassing system through a vent in the top of the unit                                                                                                                                       |
| Accessing interior          | Easily accessed evaporator for cleaning and maintenance                                                                                                                                      |
| Installation                | All parts and tools for installation included                                                                                                                                                |
| Distillate water withdrawal | The drain tap can be opened in either continuous or touch position                                                                                                                           |
| Main switch                 | Main switch button on the front of the unit                                                                                                                                                  |
| Led light                   | Three led lights on the front of the unit, green light for Standby operation, red light for working and red light for fault                                                                  |
| Mounting                    | Suitable for bench and wall mounting                                                                                                                                                         |
| Safety                      |                                                                                                                                                                                              |
| Water                       | Low water level led to power cut-off to protect the heating element                                                                                                                          |
| Heating                     | Overheating cut-off                                                                                                                                                                          |
| Led light                   | Led light Alarm                                                                                                                                                                              |
| Degassing                   | Low-gas, bacteria and pyrogen-free                                                                                                                                                           |
| Power connection            | Power cable with German shock-proof type plug                                                                                                                                                |
| Connection                  |                                                                                                                                                                                              |
| Water inlet                 | Cooling water inlet on the right-hand side of the unit<br>Water inlet diameter 3/4 inch (Ø 19.05 mm)                                                                                         |
| Water pressure              | From 2 bars to max 10 bars                                                                                                                                                                   |
| Water outlet                | Cooling water outlet on the right-hand side of the unit<br>Water outlet diameter 2/5 inch (inner Ø 10 mm)                                                                                    |
| Distillate water            | Distillate withdrawal through drain tube on the front of the unit                                                                                                                            |
| Power                       | Main connection cable on the left-hand side of the unit                                                                                                                                      |

**Electrical data**

|         |                    |
|---------|--------------------|
| Voltage | 230 volts, 50/60Hz |
| Watt    | 3000 watts         |

**Shipping information**

|                       |                       |
|-----------------------|-----------------------|
| Customs tariff number | 8419 4090             |
| Packaging Dimension   | 53 W X 52 D X 75 H CM |
| Net weight            | 22 Kg                 |
| Gross weight carton   | 30 Kg                 |

**Order information**

| Description                    | Model   | Article number |
|--------------------------------|---------|----------------|
| Water still 4L/h, 220V/50-60Hz | DS 4000 | 5042.000       |

\* Other voltages available on request