DragLab

Laboratory

Water Distillation

DS 2000

DS 4000

DS 8000

DS 8008

DS 8012

DS 8025

DragLab

Connect & Go

Laboratory Water Still DS 8012

Professional, fully automatic water distiller with a production capacity of 12 liters per hour and an integrated 24-liter storage tank. Constructed from high-quality stainless steel, this distiller is designed to produce high-purity distillate autonomously, eliminating the need for continuous personnel supervision.

Effortless Water Purity With DragLab Distillation Solutions

DragLab Distillation Units are the most effective and reliable devices for producing pure water, requiring only a connection to raw water and a power source. This process involves transforming raw water (tap water) into steam and then back into liquid, effectively separating water from impurities with higher boiling points. The resulting steam, once condensed, produces distilled water with a purity of approximately 99.5%, removing salts, organic substances, microorganisms, pyrogens, and bacteria. DragLab water distillation units require minimal maintenance, needing

Application:

- Biotechnology, cell culture and media preparation
- Testing, analysis and research laboratories
- Microbiology and Bacteriology sample preparation
- Food and beverage production
- Sterilization, cleaning and Medical equipment.
- Cosmetics, skincare products production.
- Electronics and Automotive.
- Pharmaceutical manufacturing and drug formulation.

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Quality and Expertise

ISO 9001:2015

DragLab is certified to ISO 9001:2016, reflecting our unwavering commitment to quality and excellence. We continuously optimize our production processes, ensuring that every step is efficient and effective. Through ongoing development and innovation, we strive to meet and exceed industry standards. Our customer-centric approach prioritizes the needs and satisfaction of our clients, driving us to maintain rigorous quality assurance protocols. This dedication ensures that laboratory equipment manufactured by DragLab consistently meets the highest standards of quality and reliability.

DragLab Laboratory Devices are meticulously designed and manufactured from high-quality materials to meet the most rigorous requirements of our customers. Our commitment to excellence and innovation drives continuous development and improvement, informed by daily usage and ongoing technological advancements. 'Quality and Expertise' is not just about creating impressive product designs; it reflects our company's policy of prioritizing high preparedness and customer-centric service as our fundamental objective. This dedication extends to all DragLab products, which comply with current European standards and bear the CE mark.

CE

Laboratory Water Still DS 8012

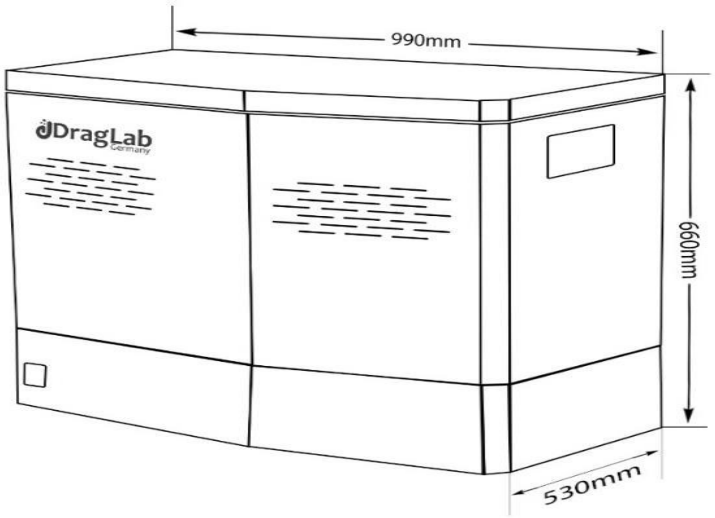
Features:

- √ screen indicating water level in the storage tank, heater operation status, water supply, error status check, and user instructions.

- √ Produce 12 L/h distilled water.
- √ Integrated with 24 Litter Storage tank
- √ High purity distilled water with conductivity of approximately 2.5 µS/cm at 25 °C.
- √ Pyrogen-free, low-gas, and bacteria-free water.
- √ Automatic thermostatic low water cut-off to protect the heating element in case of low water.
- √ Automatic water switching.
- √ Suitable for both bench and wall mounting.
- √ All parts and accessories for installation included.
- √ Energy & Water saving through automatic distillation process.

- √ Easily accessed evaporator tank for effortless cleaning and maintenance.
- √ All water contact materials are made of stainless steel (material no.: EN 1.4301).
- √ Heating element made of stainless steel (material no.: EN 1.4301).
- √ Housing material made of galvanized steel, electrostatically powder-coated.

Dimensions:



Laboratory Water Still DS 8012

Specifications:

Capacity	
Production Capacity	12 litter / hour
Storage Tank	Integrated 24 Litter storage tank
Consumption	135 litter / hour
Conductivity	Approximately 2,5 µS/cm at 25 ºC
Control technology	
Fully Automatic	Automatic thermostatic power cut-off to protect the heating element in case of low water
Fully Automatic	Automatic power activation when the water level reaches the safety line in the evaporator tank to protect the heating element.
Fully Automatic	Automatic refilling of the storage tank after distillate withdrawal , electronically controlled.
Water supply	Built-in solenoid valve connection for the evaporator and cooler, with automatic switching on/off based on the water level in the evaporator tank.
Standard equipment	
Internal material	The tanks (Evaporating tank & Storage tank) are made of stainless steel (material no. EN 1.4301)
Internal material	The condenser (cooler) is made of stainless steel (material no. EN 1.4876).
Internal material	The heating element is made of stainless steel (material no. EN 1.4876).
External material	The housing is made from galvanized steel and coated with electrostatic powder.
Degassing system	The unit includes a top vent for effective degassing, ensuring pyrogen-free, low -gas, and bacteria-free water.
Accessing interior	The evaporator and storage tanks are easily accessible for cleaning and maintenance, facilitating efficient cleaning procedures.
Installation	All necessary parts and accessories for installation are included.
Distillate water withdrawal	Distillate water can be withdrawn by continuously or push mode from front tap.
Main switch	The main power switch button located on the front of the unit
Screen	The device features a screen indicating water level in the storage tank, heater operation status, water supply, error status check, and user instructions.
Mounting	Suitable for both benchtop and wall mounting.
Safety	
Water	Low water level sensor with automatic power cut-off to protect the heating element.
Heating	Overheating cut-off
Screen	The screen displays startup tests for the heating element and provides visual alarms for faults and errors.
Degassing	pyrogen-free, low-gas, and bacteria-free water.
Power connection	Power cable with 5 pins three-phase CEE plug.

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Specifications:

Connection	
Water inlet	The cooling water inlet is located on the right-hand side of the unit, with a diameter of 3/4 inch (Ø 19.05 mm).
Water pressure range	From 2 bars to 10 bars
Water outlet	The cooling water outlet is located on the right-hand side of the unit, with a diameter of 2/5 inch (inner Ø 10 mm).
Drainage tap	The drainage tap is located on the right-hand side of the unit, with a diameter of 2/5 inch (inner Ø 10 mm).
Distillate water	Distillate water can be withdrawn by continuously or push mode from front tap.
Power	The main connection cable on the left-hand side of the unit
Electrical data	
Voltage	380 volts, 50/60Hz
Watt	9000 watts
Shipping information	
Customs tariff number	8419 4090
Packaging Dimension	95 W X 57 D X 83 H (CM)
Net weight	50 Kg
Gross weight carton	56 Kg

Order Information:

Description	Model	Article number
Water Still – Capacity: 12 L/H, 24 L storage Tank –380V, 50/60Hz	DS 8012	5012.000

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