

WATER DISTILLER

DEM-4

PRODUCTION OF DISTILLED WATER
FOR USE IN THE LABORATORY

ACCESSORY



Water distiller



APPLICATION

- + Remove impurities and contaminants from the water to prevent residues from depositing inside the pipes and the sterilization chamber of the autoclave.

CHARACTERISTICS

- Water distiller with forced air system and AISI-304 stainless steel inner tank, which guarantees durability and resistance to corrosion.
- Capacity of 4L and distillation speed of up to 1.5L/h, ideal for generating more than 20L in 24 hours.
- Recommended for small autoclaves of the AVS-N and AHS-N series, ensuring a continuous supply of high-quality distilled water.
- Overheating protection system that automatically cuts off the power supply when the internal temperature exceeds 160°C.
- Easy operation with a start button and automatic shutdown once distillation is complete or if there is a lack of water in the system.

BENEFITS

- **Energy efficiency:** With 750W of power, this distiller can produce up to 1.5 liters of water per hour. Its low energy consumption of 1 kWh per 1.3 liters makes it an economical and sustainable option for continuous distilled water production.
- **Advanced safety:** Equipped with an overheating protection system and automatic shutdown in case of lack of water, which prevents damage and prolongs the life of the equipment.
- **Easy to use:** Intuitive design with a single on/off button, with no need to disconnect the equipment to stop operation.
- **High-quality materials:** The AISI-304 stainless steel tank, along with other components such as the lid, condensation coil, and fan blades, ensure water purity and equipment durability. The water tank is made of BPA-free plastic, which guarantees the safety of the distilled water.
- **Easy maintenance:** Simple assembly and cleaning, with no need to replace filters. It features a portable handle for safe and convenient transportation, making it easy to use in different locations.

Technical data

Reference	DEM-4
External dimensions L x D x H mm	290 x 290 x 390
Chamber dimensions L x H mm	180 x 200
Weight Kg	4
Electrical consumption W	750
Voltage V	220 - 240
Capacity L	4
Production L/h	1,5
Produced water conductivity µS/cm	3,5

Certifications and regulations

- **EN-61010-1** Safety requirements for electrical measuring, control and laboratory use equipment. Part 1: General requirements.
- **EN-61326** Electrical equipment for measurement, control and laboratory use. Electromagnetic compatibility requirements (EMC).
- **2014/35/UE** Low voltage.
- **2014/30/UE** Electromagnetic compatibility.

