

## WATER DISTILLER



### TECHNICAL SPECIFICATIONS FOR MODEL MSD-8000

Distilled Water Capacity 4 lt/hr

Storage Tank Capacity 8 litres

High purity distilled water - conductivity approx 2,3  $\mu$ S/cm

Cooling Water Consumption 40 lt/hr

Fully Automatic:

- Automatic power cut-off, in case of low water, to protect the heating element
- Automatic start when the water at sufficient level in the evaporator tank
- Automatic thermostatic cut-off

Electronic level switch:

- Stop automatically in case of water level in storage tank is full
- Start automatically when distillate water is withdrawn from storage tank

Water Supply:

- Solenoid valve built-in connection for evaporator and condenser
- Automatic solenoid valve switching on in case of low water level on evaporator tank
- Automatic solenoid valve switching off in case of high water level on evaporator tank

Internal surface:

- Evaporator tank made of stainless steel material no. EN 1.4301
- Condenser (cooler) made of stainless steel, material no. EN 1.4301
- Heating element made of stainless steel, material no. EN 1.4876

**MİKROTEST LABORATUVAR CİH.MAK.İMALAT GIDA AĖŞAP ÜR.SAN.TİC.LTD.ŞTİ**

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- Storage tank made of stainless steel material no. EN 1.4301

External surface: 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 & storage tanks 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: Two led lights on the front of the unit, green light for ready operation and red light to indicate that heating element is switching on

Mounting: Suitable for bench and wall mounting

### **Safety**

Water: Low water cut-off to protect heating element

Heating: Overheating cut-off

Led light: Led light alarm

Degassing: Low-gas, bacteria and pyrogen free

Power connection: Power cable with shock-proof type (Schuko) plug

### **Optional**

Water filters of different types: 10 microns, 5 microns, 3 microns, 1 micron, Carbon 10/Chlorine, Anti-limescale for heating equipment with polyphosphate granules.

All filters are delivered with transparent flask, wall mounting bracket, flask opening key

### **Connection**

Water inlet:

- Cooling water inlet on the right-hand side of the unit
- Water inlet diameter 3/4 inch (Ø 19.05 mm)

Water pressure: From 2 bar to max 10 bar

Water outlet:

- Cooling water outlet on the right-hand side of the unit
- Water outlet diameter 2/5 inch (inner Ø 10 mm)

Distillate water: Distillate withdrawal through drain tap on the front of the unit

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Power: Main connection cable on the left-hand side of the unit

**Voltage** 220-230 V / 50...60 Hz

**Watt** 3000 watt

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