



Water bi-distiller BE-4

Purpose: The device is designed for the production of distilled and bi-distilled water by heating of raw water to boiling with subsequent condensation of the generated steam resulting in the

- distillate with a temp. from +70°C to +85°C (non-pyrogenic)
- bi-distillate with a max. temp. of +30°C (non-pyrogenic)

The electrical conductivity of distilled water:

bi-distillate: 1,0 – 1,2 µS/cm
distillate: 2,0 – 3,0 µS/cm



Design features:

- Production of both distilled and bi-distilled water is possible.
- Reagents can be placed in the evaporation chamber of the 2-nd distillation stage for the secondary distillation of the distillate with them.
- A body and main parts are made of high-alloy stainless steel AISI 321 / 304.
- Design: a single unit of stainless steel with adjustable legs for desktop location. The unit can also be wall mounted.
- Stainless steel panels protect operating personnel from thermal burns and contact with the working elements of the machine.
- Demountable design of condensation chambers allows visual monitoring of scale formation, easy sediment cleaning, easy maintenance and repair.
- A built-in cooler chills bi-distillate to a maximum temperature of +30°C.
- A standard set includes a spare tubular electric heaters, a spare electrode of the water level sensor, supply water hoses and distillate collection hoses, connecting clamps.
- Lifetime: at least 5 years, warranty period: 12 months, MTBF (Mean time between failures): at least 3,500 hours

Characteristics of electric water bi-distiller BE-4

Parameters	BE-4
Productivity, liters per 1 hour	
- distillate	5,0 (-10%)
- bi-distillate	4,3 (-10%)
Voltage	220 (±10%)
Electricity	AC single phase 50 Hz
Power consumption, KW	
- distillation	3,5
- bi-distillation	6,2
Consumption of raw water, l per 1 h	
- distillation	40
- bi-distillation	88
Overall dimensions (L×W×H), mm	550×360×400
Weight, kg	16,5