

BASIC 5

Cat. No.: DB-005-0K





Technical specification:

- The device is fed by tap water.
- Water purification levels:
 - sediment pre-filter 5 μ m,
 - integrated module (sediment-carbon-softening),
 - demineralization on a mixed ionex resin.
- Water intake point - second purity class (PN-EN ISO 3696:1999, ASTM, CLSI) - nozzle reach min. 2 m.
- Conductivity depending on the flow rate: 0,2 – 0,8 μ S/cm
- Maximum working pressure: 10 bar.
- Purified water intake speed: 1-2 dm³/min.
- Maintenance procedures may be performed by the user (easy disposables replacement).
- Fed by cold water: 5-40°C.
- Energy consumption < 25W.
- Power supply: 230V/50Hz.
- Can be installed by the user.

Functions monitoring the device:

- The device is equipped with a microprocessor control and measurement system, that includes:
 - LCD display screen 2x16 characters,
 - conductometer measuring conductivity and temperature of demineralized water,
 - clock displaying date and time,
 - alarm informing about necessity to replace mechanical filter,
 - alarm informing about necessity to replace the mixed bed,
 - maintenance dates preview,
 - installed RS 232 connector intended for communication with a personal computer, allowing to make an individual set of maintenance frequency and alarm levels

Dimensions (width x depth x height): 235x440x510 mm

Feed water parameters:

- Conductivity < 1200 μ S/cm
- Pressure > 3 bar
- Temperature: 5-40°C
- Hardness < 250 mg CaCO₃/dm³
- Fe < 0,2 mg/dm³

Usage:

Obtained water may be used for for general-purpose research, for autoclaves, climatic chambers, etc.

Required connections:

- cold water connection 1/2" or 3/4",
- 230V socket.

| Model | Module A2 | Sediment prefilter 5 μ m | Module H6 |
|----------|-----------|------------------------------|--|
| Basic 5 | + | + | + |
| Lifetime | 6 months* | 6 months* | 28 g CaCO ₃ /liter of ion resin |
| Cat. no. | EO-MA-12 | EO-005-10 | EJ-5000-0 |

* żywotność wkładu może ulegać zmianie w zależności od przepływu, jego charakterystyki oraz poziomu i rodzaju zanieczyszczenia wody wodociągowej.

** objętość wody oczyszczonej zależy od jakości wody zasilającej, maksymalna ilość soli rozpuszczonych w wodzie zasilającej – 1200 mg/l