# BetaLine-Eco UV-system

Technical specification sheet      BLE2.250
Subtype      Type F
Biodosimetric tested acc to      Onorm M5873-1:2011
Year of type approval      2015

### UV chamber type BLE

| | |
|---|---|
| Material | stainless steel 316L (1.4404) |
| Roughness, internal | max. 0,6 to 1.0 micron |
| Shape of construction | L-shape |
| Connection, basic | NW100 |
| Mounting | horizontal alt. vertical |
| Max. waterpressure | 10 bar |
| Number of UV lamps and quartzsleeves | 2 |
| Type of UV lamp | E250 |
| UV lampconnection | one-sided |
| Quartzsleeve(s) | one-side closed |
| Fixation of quartzsleeves | two-sides fixed |
| Type of quartz, standard | Q250 |
| Protection class | IP54 |
| UV sensor, Onorm | included |
| Anti-fouling mechanism, manual, Mc | option |
| Anti-fouling mechanism, electrical, Ec/L4 | option |
| Temperature detector | option |
| Drain/deairationconnection (¼") | included |
| Flangeconstruction for easy access into the chamber | included |
| Weight, empty – filled, abt. | 60 - 110kg |
| Dimensions | see drawing |

### Control cabinet

| | |
|---|---|
| Material | painted steel |
| Dimensions at standard power supply (h x w x d) | 600 x 400 x 200 mm |
| Power supply, standard | 230Volt 1L+N |
| Connected power | maximum 700 W |
| Installed power | 0,7 kVA |
| Frequency | 50 or 60 Hz |
| Protection class | IP54 |
| Ballast type | electronic |
| Electrical cables between chamber and cabinet | included (5 meters) |

### Basic controller type      Lambda2

| | |
|---|---|
| Display for read-out | 2 lines with 16 characters |
| ON/OFF switch | Included |
| Hourscounter | Included |
| Power ON indication | Included |
| UV signal indication | UV intensity readout (W/m2) |
| Warning contact | Potential free change over contact |
| Main valve contact (24VDc or 230VAc, max. 3A) | Change over contact |
| UV intensity read-out (W/m2) | included |
| UV intensity output | Included, 4-20mA |
| Remote Start/Stop | Included |
| Flow input | Included, 4-20mA |