

# BetaLine UV-system

## Technical specification sheet

Subtype

Biodosimetric tested acc to

Year of type approval

BLE4.250L4

Type F

Onorm M5873-1:2011

2011

### **UV chamber type BLE**

Material  
 Roughness, internal  
 Shape of construction  
 Connection, basic  
 Mounting  
 Max. waterpressure  
 Number of UV lamps and quartzsleeves  
 Type of UV lamp  
 UV lampconnection  
 Quartzsleeve(s)  
 Fixation of quartzsleeves  
 Type of quartz, standard  
 Protection class  
 UV sensor, Onorm  
 Anti-fouling mechanism, manual, Mc  
 Anti-fouling mechanism, electrical, Ec  
 Temperature detector  
 Drain/deairationconnection (1/4")  
 Flangeconstruction for easy access into the chamber  
 Weight, empty – filled, abt.  
 Dimensions

stainless steel 316L (1.4404)  
 max. 0,6 to 1.0 micron  
 L-shape  
 NW150  
 horizontal alt. vertical  
 10 bar  
 4  
 E250  
 one-sided  
 one-side closed  
 two-sides fixed  
 Q250  
 IP54  
 included  
 included  
 option  
 included  
 included  
 included  
 included  
 60 - 110kg  
 see drawing

### **Control cabinet**

Material  
 Dimensions at standard power supply (h x w x d)  
 Power supply, standard  
 Connected power  
 Installed power  
 Frequency  
 Protection class  
 Ballast type  
 Electrical cables between chamber and cabinet

painted steel  
 600 x 600 x 200 mm  
 230Volt 1L+N  
 maximum 1,3 kW  
 1,5 kVA  
 50 or 60 Hz  
 IP54  
 electronic  
 included (5 meters)

### **Controller type**

Display for read-out  
 UV intensity read-out (W/m<sup>2</sup>)  
 Automatic poweradjustment UV lamp(s)  
 4-20mA UV intensity output  
 Setpoints 'minimum UV intensity' and 'UV intensity warning'  
 Remote start/stop  
 Individual lampfailure detection, lampstatus and –control  
 Hourscounter, 'system ON', non-resetable  
 Hourscounter, 'lamp(s) ON' resetable  
 Warning messages for lampfailure and maintenance  
 Input for flowmeter, variable (4-20mA) or fixed  
 UV WARNING (PFC)  
 UV failure (PFC)  
 Lamp failure (PFC)  
 Maintenance warning (PFC)  
 System ready or main valve (PFC)  
 Bleed valve contact (PFC)  
 Watertemperature input and protection  
 Cabinettemperature warning and alarm

### **Lambda 4**

2 x 16 character read-out  
 included  
 included  
 included  
 included  
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# BetaLine UV-system

Remote wiping action

included