

BetaLine UV-system

Technical specification sheet

Subtype

Biodosimetric tested acc to

Year of type approval

BLE4.250L4

Type E

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 1,15 kW
 1,5 kVA
 50 or 60 Hz
 IP54
 electronic
 included (5 meters)

Controller type

Display for read-out
 UV intensity read-out (W/m²)
 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
 included
 included
 included
 included
 included
 included
 included
 included
 included
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BetaLine UV-system

Remote wiping action

included