BetaLine UV-system

Technical specification sheet   BLE4.250L4
Subtype   Type C
Biodosimetric tested acc to   Onorm M5873-1:2011
Year of type approval   2011

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	NW150
Mounting	horizontal alt. vertical
Max. waterpressure	10 bar
Number of UV lamps and quartzsleeves	4
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	included
Anti-fouling mechanism, electrical, Ec	option
Temperature detector	included
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 600 x 200 mm
Power supply, standard	230Volt 1L+N
Connected power	maximum 0,9 kW
Installed power	1,5 kVA
Frequency	50 or 60 Hz
Protection class	IP54
Ballast type	electronic
Electrical cables between chamber and cabinet	included (5 meters)

Controller type   **Lambda 4**

Display for read-out	2 x 16 character read-out
UV intensity read-out (W/m2)	included
Automatic poweradjustment UV lamp(s)	included
4-20mA UV intensity output	included
Setpoints 'minimum UV intensity' and 'UV intensity warning'	included
Remote start/stop	included
Individual lampfailure detection, lampstatus and –control	included
Hourscounter, 'system ON', non-resetable	included
Hourscounter, 'lamp(s) ON' resetable	included
Warning messages for lampfailure and maintenance	included
Input for flowmeter, variable (4-20mA) or fixed	included
UV WARNING (PFC)	included
UV failure (PFC)	included
Lamp failure (PFC)	included
Maintenance warning (PFC)	included
System ready or main valve (PFC)	included
Bleed valve contact (PFC)	included
Watertemperature input and protection	included
Cabinettemperature warning and alarm	included

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Remote wiping action   included