Increasingly modern, ecologically compatible technologies are used for the disinfection of drinking water, waste and ballast water by UV radiation.

The main advantages of these technologies are the avoidance of chemical additives and the possibility of controlling, respectively monitoring of the disinfection process with the help of sensors and evaluation units.

IL Metronic Sensortechnik GmbH offers a broad assortment of UV sensors, measuring windows and evaluation units.

Beside the products introduced here even other solutions are offered for special applications and customized implementation.

IL Metronic
Sensortechnik GmbH

www.il-metronic.com

Information sheet

UV technology
for the water disinfection

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UV sensors

(type series) SUV 13

Cost-efficient UV sensor (analog or digital) with field calibration for the application without measurment window for srew into an UV system (even according to IECEX und ATEX)

(type series) SUV 19

UV sensor (analog or digital) with field calibration for rotationally symmetric monitoring of UV systems for the waste water disinfection

(type series) SUV 20

UV sensor (analog or digital) according to DVGW and ÖNORM with field calibration for screw into UV measurement window of drinking water disinfection systems (even according to IECEX and ATEX)

UV measurement windows

(type series) FUV 38

Leak-tested UV measurement window according to DVGW and ÖNORM for screw into drinking water disinfection systems and as slot for UV sensors

UV reference instruments

KUV 2.4

UV reference instrument (inclusive reference sensor with field calibration) according to DVGW and ÖNORM for recalibration of UV sensors in drinking water disinfection systems

MUV 2.4

UV reference instruments (inclusive reference sensors with field calibration) according to DVGW und ÖNORM for the control of UV sensors in drinking water disinfection systems

UV monitors

(type series) DUV 11

Cost-efficient UV monitor (with or without housing) for the monitoring of the UV irradiance of analog UV sensors

DUV 14

UV monitor for the monitoring the UV irradiance of analog UV sensors and additional parameters (temperature, flow and dose)

DUV 27

UV monitor for the monitoring (even web browser based remote monitoring) of the UV irradiance of analog and digital UV sensors and additional parameters