

Certifikat Gmicro testing



<i>(Escherichia coli)</i> 8099	1	1.9x10 ⁶	70	99,99	4,43
	2	2.0x10 ⁶	60	99,99	4,52
	3	2.1x10 ⁶	90	99,99	4,37
<i>(Staphylococcus aureus)</i> ATCC 6538	1	4.4x10 ⁶	2.0x10 ³	99,99	4,34
	2	3.8x10 ⁶	2.6x10 ³	99,99	4,16
	3	4.0x10 ⁶	2.5x10 ³	99,99	4,20

SPECIFICATION - TECHNICAL GUIDELINES: UVINNECO (Kinetic Reactor Technology)

Operating Pressure: 1 bar - 5 bar
 Operating Temperature: 5 - 120 °C
 Water Flow Rate: 2 - 6 l/min (recommended 4 l/min)
 Maximum Water Turbidity: 2 NTU
 Materials: POM, Chrome-plated Brass, Stainless Steel

THE KINETIC REACTOR on the faucet limits the deposition of lime, neutralizes unwanted inorganic (e.g., heavy metals) and organic (breakdown of complex organic molecules) substances in drinking water. The strong oxidation processes of organic and inorganic elements in water improve the taste and smell of water, with the effect being immediate. Kinetic technology is already present in industry and healthcare to naturally reduce lime deposits without the addition of chemicals and to enable cleaner water.

SPECIFICATION - TECHNICAL GUIDELINES:

UVINNECO (UVC- UVA-Water Disinfection)
 Microturbine Performance: DC 8 V
 Operating Pressure: 1 bar - 5 bar
 Operating Temperature: 5 - 60 °C
 LED Power Supply: 0.4 W
 Water Flow Rate: 2 - 6 l/min
 Maximum Water Turbidity: 2 NTU
 UVC Performance: 270 - 280 nm
 UVA Performance: 395 - 405 nm
 Materials: POM, ABS, PC, Chrome-plated Brass



CE Certificate

Model: STW 35: UVC - UVA Technology - UVINNECO
 Assessment: DC 8 V 0.4 W Test Standard: EN IEC 55014-1:2021, EN IEC 55014-2:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021. As per Test Report No. TST202205Q2374-2ER
 The described EUT above was tested based on the mentioned standards and complies with the Council Directive 2014/30/EU on electromagnetic compatibility. The CE marking can be used to demonstrate compliance with the EMC Directive.
 This certificate is valid only for the tested sample mentioned above and does not represent an assessment of the entire production. It is valid only in conjunction with the test report number. TST202205Q2374- 2ER

FCC Certificate Main Test Model: STW35 - UVINNECO Assessment: DC 8 V 0.4 W Test Standard: FCC Part 15, Class B. As per Test Report No.: TST202205Q2374-4SR

Supplier's Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference. It was tested in accordance with the applicable FCC rules and regulations. The testing method adhered to the most accurate measurement standards, and all necessary steps were taken to ensure that all production units of the same equipment continue to meet the requirements of the Federal Communications Commission.

ROHS - Certificate

Main Model: STW35 - UVINNECO. Test Standard: IEC 62321-1:2013, IEC 62321-3-1:2013, IEC 62321-4:2013/AMD1:2017 IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-8:2017. As per Test Report No.: TST202205Q2374-3RR
 The described EUT above was consolidated and complies with the RoHS 2.0 Directive (EU) 2015/863 and (EU) 2017/2102 of the Council amending Annex II of Directive 2011/65/EU.
 This certificate is valid only for the tested sample mentioned above and does not imply an assessment of the entire production. It is valid only in conjunction with the test report number.

Ultraviolet Germicidal Irradiation (UVGI) is a disinfection method that uses short-wave ultraviolet light (ultraviolet C or UV-C) to destroy or deactivate microorganisms by breaking down nucleic acids and their DNA, preventing them from performing vital cellular functions.

[1] UVGI is used for various purposes, such as purifying food, air, and water. UV-C light is weak on the Earth's surface because the ozone layer of the atmosphere blocks it.

[2] UVGI devices can produce enough UV-C light in circulating air or water systems to create an inhospitable environment for microorganisms like bacteria, viruses, molds, and other pathogens. UVGI can be combined with a filtration system for air and water purification.

Material Certificates



Lime Deposit Testing



Water Saving Certificate

