

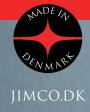




EST. 1992

ENVIRONMENTALLY FRIENDLY

DISINFECTION FLO-D° TECHNOLOGY



TECHNOLOGY FOR THE FUTURE

INNOVATION AND DRIVE

DESIGNED AND DEVELOPED IN DENMARK

JIMCO A/S: Pioneers in Air, Disinfection and Wastewater Treatment

Since the launch of our first air purification unit in 1992, JIMCO A/S has been at the forefront of advanced environmentally friendly solutions for air and disinfection as well as wastewater treatment.

Over the years, JIMCO A/S has expanded its reach and now delivers its products to a wide range of industries and institutions on a global scale.

COMPLETE
DISINFECTION OF
SURFACES IN
PRODUCTION
FACILITIES

WHY CHOOSE JIMCO'S DISINFECTION TECHNOLOGY?

- ✓ Eliminate manual disinfection with water and chemicals
- Save large amounts of water and energy, normally used for heating, drying, and wastewater treatment
- Efficient disinfection in hard-to-reach places such as corners, cracks, ventilation ducts, cooling surfaces, surfaces, floor drains, and technical installations
- Avoid the use of strong chemicals, which have a negative impact on the environment and the working environment
- Reduce CO2 emissions and prevent the discharge of chlorinated wastewater

Regardless of the project size, JIMCO A/S has a solution.

The company is known for combining common sense with innovative thinking, which has led to deliveries to the world's leading food industries.



Efficient disinfection - without manual procedures, chemicals, or water.

JIMCO introduces UV-C ozone surface disinfection, also called FLO-D®, which stands for Photolytic Oxidation Disinfection, as a further application of JIMCO's awardwinning UV-C technology, which received the EU's environmental award in year2000 and has been in use since 1992 in air purification systems. These systems have helped eliminate unpleasant odors and improve both outdoor and indoor environments.

JIMCO FLO-D® enables surface disinfection without the need for manual handling, offering a range of benefits in terms of economy, safety, environment, and working conditions.

<u>FACT:</u> -Ozone naturally converts back to oxygen, ensuring an environmentally friendly treatment without harmful residues.

DISCOVER THE POWER OF FLO-D®

FOR EFFICIENT AND CHEMICAL-FREE DISINFECTION

Here are some of the benefits of having a FLO-D[®] unit:

✓ Efficient disinfection:

FLO-D[®] utilizes a combination of UV-C technology and ozone to eliminate bacteria, viruses, mold, and other harmful microorganisms. This effective disinfection ensures a cleaner, healthier, and safer environment. It cleans everywhere there is air - ventilation, floor drains, cable trays, etc.

✓ Environmentally friendly solution:

FLO-D® eliminates the need for water or chemicals. This makes it an environmentally friendly solution, as it does not leave behind chemically emulsified wastewater.

✓ No chemical impact:

By avoiding the use of chemicals in the disinfection process, FLO-D® eliminates the risk of contamination of food, surfaces, and the environment.

✓ Economic saving:

By not having to purchase or store chemicals for disin-

FLO-D® stands for: Photolytic Oxidation Disinfection

fection, economic savings are achieved. FLO-D $^{\otimes}$'s efficient disinfection system also helps reduce the costs associated with cleaning procedures, maintenance, water heating, and wastewater treatment, as well as reducing labor needs.

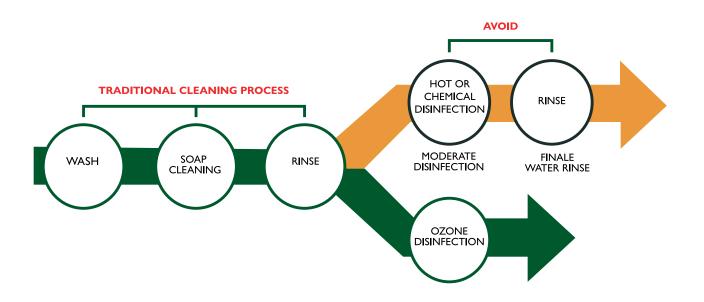
✓ Easy to use:

FLO-D® units are designed to be user-friendly. They are easy to operate and can be adapted to specific needs and requirements. With an easy-to-use touchscreen, you can easily set treatment parameters and monitor the unit's operation.

√ Flexible application:

FLO-D® units can be used across a wide range of applications and industries, including the food industry, transportation, and healthcare, among others. They can be adapted to different room sizes and types.

GUARANTEED RESULTS FOR EFFICENT DISINFECTION & DATA LOGGING



FLO-D® MINI

TECHNICAL DESCRIPTION

FLO-D® MINI - Mark 2

UV-C lamps: 8 pcs. 70 watt

Quartz sleeve: 8 pcs. (in cold storage)

Power supply EU: 1×230V + PE 50/60Hz, 10A Power supply US: 1×115V + PE 50/60Hz, 10A

Consumption EU: 650 watt Consumption US: 747 watt

Display: Proface PLC, color panel

Room-volume: Disinfection: Up to 315 m³

approximately 11.000 cubic feet

Measurements:

Height: 1150 mm Width: 560 mm Depth: 890 mm Weight: 59 Kg

Integrated - temperature and moisture sensor, ozone meter, and access point.

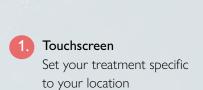
Patented data logging system for documentation.





SPECIFICATIONS





- 2. Connect to smartphone or tablet
- 3. USB port
 Document treatments
 with data logging
- 4. Ozone Measuring Unit (OMS)
- 5. Wire 5 or 10 meter 16.4 feet, and 32.8 feet
- 6. Loudspeaker
- 7. Power Socket 5 meter (16.4 feet) cable included
- 8. Temperature & Moisture Sensor
- 9. Nameplate
- Antenna
 Access connection
- 11 Alarm Sounds like a Siren



FLO-D® MAXI

FLO-D® MAXI

TECHNICAL DESCRIPTION

UV-lamps: 30 pcs. 89 watt

Quartz sleeve: 30 pcs. (in cold storage)
Power supply EU: 3x400V + PE 50/60Hz, 16A
Power supply US: 3x480V + PE 50/60Hz, 16A

Consumption: 4,15 kW Display: Siemens

Treatment capacity: Room size up to 1,500 m³

approximately 53.000 cubic feet

Measurements:

Height: 2,100 mm Width: 1,200 mm Depth: 1,200 mm Weight: 175 Kg

Connect to ventilation evacuation, door contacts, and motion sensors. Monitoring of positive and negative pressure

Includes ozone meter and door station









FLO-FIXED®

TECHNICAL DESCRIPTION

UV-lamps: 15 pcs. 165 watt

Quartz sleeve: 15 pcs. (in cold storage)

Power supply EU: 3x400V + PE 50/60Hz, 16A

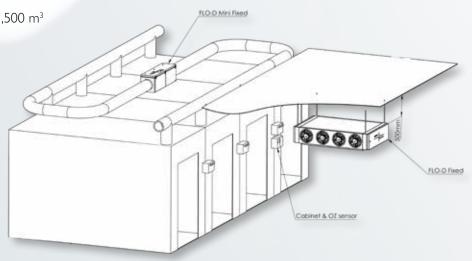
Power supply US: 3x480V + PE 50/60Hz, 16A

Consumption: 3 kW Display: Siemens

Treatment capacity: Room size up to 1,500 m³ approximately 53.000 cubic feet

Measurements:

Height: 413 mm Width: 1,866 mm Depth: 1,216 mm Weight: 160 Kg





FLO-D® MONITORING

Monitor Your disinfection process

With Ease via Cloud Solution

With Jimco's FLO-D® solution, you have the ability to monitor the operation of your disinfection system directly on your phone, tablet, or PC from the cloud.

This offers a range of valuable benefits for example in the food industry:



Monitor the operation

- of your FLO-D $^{\! \rm \tiny I\!R}$ through "The Cloud" for continuous supervision

Benefits of Cloud-Based Monitoring:

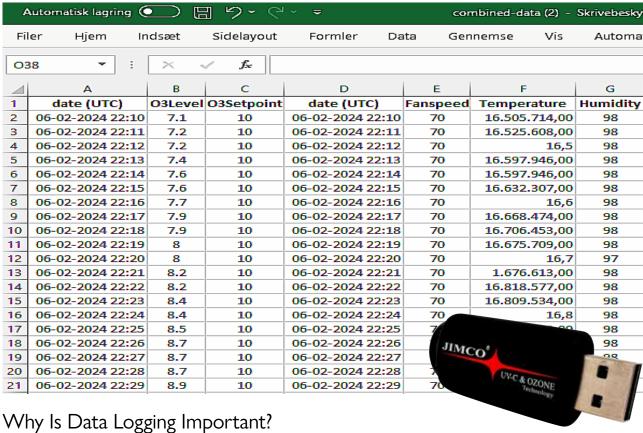
- 1. **Continuous Supervision:** Follow the operation of your FLO-D® system in real-time and have instant access to key data and statistics. This allows you to ensure that the disinfection process is proceeding as planned.
- 2. **Efficient Troubleshooting:** Identify and address any operational issues or errors quickly and efficiently, reducing downtime and production halts.
- 3. **Data Insight:** Gain insights into the system's performance over time through historical data. This can help optimize operational processes and streamline disinfection procedures.
- 4. **Remote Access:** Monitor your FLO-D[®] system from anywhere at any time with internet access, providing you with flexibility and convenience.
- 5. **Multi-site Monitoring:** Monitor multiple factories and systems from one centralized platform. This makes it easy to compare performance across different locations and implement uniform disinfection strategies across the entire company.

FLO-D® DATA LOGGING

ACCURATE Data Logging

Your Reliable Documentation

FLO-D® provides a comprehensive data logging feature that allows you to monitor your disinfection process and collect important documentation. This is not just a convenient feature, but also a crucial tool, for example in the food industry.



- 1. Documentation: You get a detailed record of all activities that occur during the disinfection process. This serves as documentation that you can refer to in case of inspections, audits, and quality control.
- 2. Troubleshooting: If challenges or errors arise in the disinfection process, the data log can be used to identify and correct the problems. This minimizes production downtime and quality issues.
- 3. Optimization: By analyzing the data log, you can optimize your disinfection process over time. You can identify patterns, trends, and opportunities for improvement that can lead to more efficient procedures.
- 4. Quality Assurance: The data log serves as an important part of your quality assurance. It confirms that your disinfection processes have been correctly performed and meet the required standards.

With our reliable data logging feature, you can have full confidence that your disinfection process is accurate and documented at all times. It's your assurance of quality and compliance with regulations and standards in the food industry.

ADVANTAGES



YOUR RESOURCE-EFFICENT SOLUTION

In food production, costs are just as important as hygiene. An aspect that makes FLO- D^{\otimes} the ideal solution is its a short period. Other crucial advantages of using FLO- D^{\otimes} in food production are:

Economic Savings: Traditional disinfection methods involve the use of chemicals, which constitute a significant cost. These chemicals need to be purchased, stored, and disposed of properly. With FLO-D®, the need for these chemicals is completely eliminated resulting in immediate savings on the operating budget.

Short Payback Period: The investment in the FLO-D[®] system typically pays for itself within the first year. The savings achieved by not having to purchase large quantities of chemicals can be seen as a direct profit on the bottom line.

Reduced Maintenance: FLO-D® requires minimal maintenance compared to traditional disinfection methods. This means lower expenses for spare parts and technical support.

Future Savings: Beyond the immediate economic saving, FLO- D^{\otimes} is a long-term investment. Companies can expect continued savings in the years to come.

In summary, FLO-D $^{\circ}$ is not only a hygienic solution but also a hygienic and cost-effient solution for food producers and others in need of disinfection. The quick payback period and ongoing savings make it an investment with long-term value and increased profitability.

EFFICIENCY / UV-C OZONE

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Control Test Control Test Control Test	Average	(2)	2,20E+05 (220.000) 2,60E+05 (260.000)	2,85E+02 (285) 2,97E+02 (297)	0,00E+00 1,00E+00 0,00E+00	100,00%	
Control Test Control Test Control Test	Average	(2)	2,20E+05 (220.000) 2,60E+05 (260.000)	2,85E+02 (285) 2,97E+02 (297)	0,00E+00 1,00E+00 (1) 0,00E+00 (1) 0,00E+00 (3,33E-01	2,00%	
Control Test Control Test Control Test	Average	(2)	2,20E+05 (220.000) 2,60E+05 (260.000)	2,85E+02 (285) 2,97E+02 (297)	0,00E+00 1,00E+00 (1) 0,00E+00 (1) 0,00E+00 (3,33E-01	2,00%	
Control Test Control Test Control Test	Average	(2)	2,20E+05 (220.000) 2,60E+05 (260.000)	2,85E+02 (285) 2,97E+02 (297)	0,00E+00 1,00E+00 (1) 0,00E+00 (1) 0,00E+00 (3,33E-01	2,00%	
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Salmonella typhimurium 14028 146 <1 133 <1 184 <1	Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048	21 Control 27 >200 11 >200 51	(300,000) (2,20E+05) (220,000) (2,60E+05) (260,000) (2,60E+05) (260,000) (3,60E+05) (3,000) (4,60E+05) (4,60E+	2,85E+02 (285) 2,97E+02 (297) 27E+02 (327) 27E+02 (327) 30 >200 6 >200 44	(0) 0,00E+00 1,00E+00 0,00E+00 0,00E+00 (0,33) 99 1,00E+00 0,00E+00 0,00E+00 1,00E+00 1,00E+0	290% 4 Control 11 >200 9 >200 40	Test <1 <1 <1 <1 <1 <1
	EFFE Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048 Listeria monocytogenes	21 Control 27 >200 11 >200 51 146	(300,000) (2,20E+05) (220,000) (2,60E+05) (300,000) (300	2,85E+02 (285E+02) 2,97E+02 (297) 27E+02 (327) 30 >200 6 >200 44 194	(0) 0,00E+00 1,00E+00 0,00E+00 0,00E+00 3,33E-01 (0,33) 99 3h Test /plate <1 1 <1 <1 <1	290% 4 Control 11 >200 9 >200 40 165	Test
	EFFE Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048 Listeria monocytogenes	21 Control 27 >200 11 >200 51 146	(300,000) (2,20E+05) (220,000) (2,60E+05) (300,000) (300	2,85E+02 (285E+02) 2,97E+02 (297) 27E+02 (327) 30 >200 6 >200 44 194	(0) 0,00E+00 1,00E+00 0,00E+00 0,00E+00 3,33E-01 (0,33) 99 3h Test /plate <1 1 <1 <1 <1	290% 4 Control 11 >200 9 >200 40 165	Test
	EFFE Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048 Listeria monocytogenes	21 Control 27 >200 11 >200 51 146	(300,000) (2,20E+05) (220,000) (2,60E+05) (300,000) (300	2,85E+02 (285E+02) 2,97E+02 (297) 27E+02 (327) 30 >200 6 >200 44 194	(0) 0,00E+00 1,00E+00 0,00E+00 0,00E+00 3,33E-01 (0,33) 99 3h Test /plate <1 1 <1 <1 <1	290% 4 Control 11 >200 9 >200 40 165	Test
Saccharamyces cerevisia 2601 152 <1 94 <1 184 <1	Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048 Listeria monocytogenes Lactobacillus plantarum 14917	21 Control 27 >200 11 >200 51 146 120	(300,000) (220,000) (220,000) (260E+05 (220,000) (260E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (2,85E+02 (285) 2,97E+02 (297) 27E+02 (327) 30 >200 6 >200 44 194 35	(0) 0,00E+00 1,00E+00 0,00E+00 0,00E+00 0,00E+00 3,33E-01 (0,33) 99 Test /plate <1 1 <1 <1 <1 <1 <1	290% 4 Control 11 >200 9 >200 40 165 39	Test <1 <1 <1 <1 <1 <1 <1 <1 <1 <
Saccharamyces cerevisia 2601 152 <1 94 <1 184 <1	Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048 Listeria monocytogenes Lactobacillus plantarum 14917	21 Control 27 >200 11 >200 51 146 120	(300,000) (220,000) (220,000) (260E+05 (220,000) (260E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (2,85E+02 (285) 2,97E+02 (297) 27E+02 (327) 30 >200 6 >200 44 194 35	(0) 0,00E+00 1,00E+00 0,00E+00 0,00E+00 0,00E+00 3,33E-01 (0,33) 99 Test /plate <1 1 <1 <1 <1 <1 <1	290% 4 Control 11 >200 9 >200 40 165 39	Test <1 <1 <1 <1 <1 <1 <1 <1 <1 <
152 1 54 1 164	Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048 Listeria monocytogenes Lactobacillus plantarum 14917	21 Control 27 >200 11 >200 51 146 120	(300,000) (220,000) (220,000) (260E+05 (220,000) (260E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (300,000) (300E+05 (2,85E+02 (285) 2,97E+02 (297) 27E+02 (327) 30 >200 6 >200 44 194 35	(0) 0,00E+00 1,00E+00 0,00E+00 0,00E+00 0,00E+00 3,33E-01 (0,33) 99 Test /plate <1 1 <1 <1 <1 <1 <1	290% 4 Control 11 >200 9 >200 40 165 39	Test <1 <1 <1 <1 <1 <1 <1 <1 <1 <
	Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048 Listeria monocytogenes Lactobacillus plantarum 14917 Salmonella typhimurium 14028	21 Control 27 >200 11 >200 51 146 120 146	(300,000) (220,8405) (220,000) (2,608+05) (260,000) (2,608+05) (260,000) (2,608+05) (200,000) (2,608+05)	2,85E+02 (285E+02) 2,97E+02 (297) 27E+02 (327) 30 >200 6 >200 44 194 35 133	(0) 0,00E+00 1,00E+00 1,00E+00 0,00E+00 3,33E-01 (0,33) 99 3h Test /plate <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	290% 4 Control 11 >200 9 >200 40 165 39 184	Test <1 <1 <1 <1 <1 <1 <1 <1 <1 <
	Test Organisms Escherichia coli 8739 Staphylococcus aureus 6538 Pseudomonas aeruginosa 9027 Streptococcus faecalis 5129 Enterobacter aerogenes 13048 Listeria monocytogenes Lactobacillus plantarum 14917 Salmonella typhimurium 14028	21 Control 27 >200 11 >200 51 146 120 146	(300,000) (220,8405) (220,000) (2,608+05) (260,000) (2,608+05) (260,000) (2,608+05) (200,000) (2,608+05)	2,85E+02 (285E+02) 2,97E+02 (297) 27E+02 (327) 30 >200 6 >200 44 194 35 133	(0) 0,00E+00 1,00E+00 1,00E+00 0,00E+00 3,33E-01 (0,33) 99 3h Test /plate <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	290% 4 Control 11 >200 9 >200 40 165 39 184	Test <1 <1 <1 <1 <1 <1 <1 <1 <1 <



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