

muster

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— ... science & innovation ... —



PROFESSIONAL ROOM SANITISER

**SAFETY
FIRST**

**Thorough room
sanitising with O₃ Ozone Generator and UV-C
UV-C DISINFECTION
TECHNOLOGY**



Item 1018

O₃ Muster Sany - UV-C

 made in Italy

**SELECTIVE
SANITISING**
ozonisation (O₃) only
(without people present)

**CONTINUOUS
CYCLE SANITISING**
UV-C only
(e.g. during work, with people
present)

**THOROUGH AND
EXTENSIVE SANITISING**
O₃ Ozone Generator + UV-C
(without people present)



O₃ OZONE GENERATOR

UV-C

SUPER FAST ROOM SANITISING

The O₃ MÜSTER SANY UV-C device is intended for sanitising confined spaces, such as shops, hairdressing salons, beauty salons, offices, doctors' surgeries, public places, homes, etc.

The extraordinary effectiveness is guaranteed by the O₃ MÜSTER SANY UV-C device that uses the dual sanitising technology based on ozone (O₃) and UV-C rays.

This way, the intervention times are drastically reduced, avoiding inconvenience and unnecessary waiting.

OZONE

Ozone (O₃) is a gas and a powerful natural oxidant, capable of effectively eliminating microorganisms such as bacteria, viruses, mould, spores, fungi, mites and odours.

Ozone is a gas which, when inhaled in substantial quantities, is toxic to humans: for this reason, sanitising cycles with O₃ + UV-C, or just with O₃, must always be carried out in the absence of people in the room.

UV-C

UV-C ultraviolet light is electromagnetic radiation with wavelengths ranging between 200 and 280 nm; it ensures a broad spectrum germicidal action, with peak efficiency at 257.3 nm.

In the O₃ MÜSTER SANY UV-C device the lamps that emit UV-C radiation are located inside the unit.

As a result, it is possible to sanitise the room even in the presence of people using solely the UV-C mode:

- Sanitises during work.
- Sanitises during short lunch breaks.
- Ensure the constant preventive action of the device at all times, with no limitations.

20 mq	3 min.
40 mq	6 min.
60 mq	9 min.

80 mq	12 min.
100 mq	15 min.
120 mq	18 min.

Average time for the Sanitising treatment

Average time for room Sanitising with O₃ Technology (rooms with a height of 2.7 – 3.0 m)



O₃ MÜSTER SANY UV-C

The O₃ MÜSTER SANY UV-C device sanitises rooms naturally, cheaply and ecologically, without using chemicals.

It is based on dual technology, which can also be combined between Ozone and UV-C, using the air flow that the device draws in and emits purified, after going through the sanitising lamps and an integrated filter system.


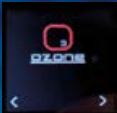

HERE IS THE ACTION DEVELOPED BY THESE TWO TECHNOLOGIES IN DETAIL:

OZONE TECHNOLOGY: a specific generator ozonises the air present in the room; the ozone thus produced is released into the room, sanitising the air and all surfaces. (Please note that the presence of personnel inside the room is not permitted during the sanitising process with this technology).

UV-C TECHNOLOGY: amps perform a germicidal action directly on the air flow that goes through the device, thus ensuring continuous sanitising. When used individually, this technology offers the **possibility to be used even in the presence of people in the room.**

The O₃ MÜSTER SANY UV-C device can be used in 3 operating modes, described in the table below.

The device uses digital timing for maximum safety before and after the treatment.

MODE	DESCRIPTION	TIME	FUNCTIONS
UV-C 	Continuous air sanitising through UV-C rays.	from 30 min. to continuous	Use even in the presence of personnel.
O₃ 	Fast and thorough room sanitising, exclusively in the absence of personnel.	from 1 to 25 min. (+ 1h decay).	Delayed start, to leave the room safely acoustic and visual signal to indicate the end of the ozone decay cycle.
CYCLE O₃ + UV (COMBO) 	Repeated Ozone and UV-C sanitising cycles, for an even more intense and thorough action, only in the absence of personnel. (recommended at night or at the weekend)	p to 3 cycles 1 cycle consists of: O ₃ : variable as above Fan: 20 min. UV-C: 40 min. fixed	Delayed start, to leave the room safely acoustic and visual signal to indicate the end of the ozone decay cycle further reduction of decay times, due to the effect of ozone photolysis by the UV-C light.

Pathogen inactivation tables

ORGANISM	CONCENTRATION [PPM]	EXPOSURE TIME
VIRUS Poliovirus type-1, Human Rotavirus, Enteric Virus	0.2 – 4.1	< 20 minutes
BACTERIA E. Coli, Legionella, Mycobacterium, Fecal Streptococcus	0.23 – 2.2	< 20 minutes
MOULD Aspergillus Niger, various strains of Penicillium, Cladosporium	2	60 minutes
FUNGI Candida Parapsilosis, Candida Tropicalis	0.02 – 0.26	< 1.67 minutes
INSECTS Acarus Siro, Tyrophagus Case, Tyrophagus Putrescentiae	1.5 – 2	30 minutes

(Sources: Edelstein et al., 1982; Joret et al., 1982; Farooq and Akhlaque, 1983; Harakeh and Butle, 1986; Kawamuram et al., 1986)

Item 1018
List Price

~~E 1.990,00€~~ EXCLUDING VAT

**SUPER
LAUNCH OFFER**

1.590,00€ EXCLUDING VAT

Merchandising
3 - cm 15 x 10.5



Technical features

TECHNOLOGY	O ₃ + UV-C (253.7nm)
OZONE PRODUCTION	10.000 mg/h with ambient air (20°C - 50%RH)
AIR FLOW/UV-C	70 m ³ /h
OZONE TIMER	from 1 to 25 minutes
UV-C TIMER	from 30 minutes to continuous
CYCLE MODE	up to 3 x O ₃ +UV combined cycles
POWER SUPPLY	230 Vac 50/60 Hz - 100W
DIMENSIONS	21 x 23 x 41.5 cm
WEIGHT	5,9 kg
DISPLAY	TFT colour

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