



# OBOXO

Disinfection cabinet  
Powered by ozone



OBOXO is  
SIST EN 17272:2020  
certified



99,999% disinfection  
(5Log reduction)



100% ecological  
(no residues)



No chemicals needed



Dry disinfection process

**Mediline d.o.o.** is the leading supplier of medical equipment in Eastern Europe. Among OBOXO, we sell specialised laboratory equipment, consumables, and diagnostic reagents to developmental, research and diagnostic laboratories.



[oboxo@mediline.si](mailto:oboxo@mediline.si)  
tel: 00386 1 830 80 44



### PERFORMATIVE

99,999% inactivation of all known bacteria, fungi and viruses (including extremely resistant MRSA), EN 17272:2020 Certified



### SUSTAINABLE

A disinfection without any residual chemicals or pollutants, the only 100% ECOLOGICAL solution.



### COST LEADER

Ozone is generated by means of electrical power only (no expensive refills needed).



### FAST

Dry ozone gas disinfects a range of microorganisms already in 10 minutes (ask for the official test reports performed by external accredited institution).



### RELIABLE PARTNER

Proprietary technology and in-house production of all components guarantees no set backs in quality and delivery.



### SAFE

Gas proof cabinet with additional safety feature: extremely sensitive ozone detector against potential cabinet leakage.

## DISINFECTANT COMPARISON TABLE

	Peroxide aerosole	High temperature/washing	Ethanol wiping	Hypochlorite wiping	UV	Ozone
Automated process (high repeatability)	✓	✓	✗	✗	✓	✓
No material damage	✗	✗	✗	✗	✓ (limited)	✓ (limited)
Porous material disinfection	✗	✓	✗	✗	✗	✓
Ecological	✗	✓	✓	✗	✓	✓
Low operation costs	✗	✗	✗	✓	✓	✓
No wetting of material	✗	✗	✗	✗	✓	✓
Without residues	✗	✓	✓	✗	✓	✓
No shadowing restriction	✗	✓	✓	✓	✗	✓



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## SPECIFICATIONS SUMMARY

Method of disinfection	Dry disinfection process using ozone
Antibacterial efficacy	5Log reduction as demanded by the new standard SIST EN 17272:2020 with 10 minutes cycle. 99,999% inactivation of all known bacteria, fungi and viruses (including extremely resistant MRSA), EN 17272:2020 Certified
Approvals	CE
Total weight	330 kg
Maximum load capacity	115 kg
Maximum hanging load	60 kg on the Stainless Steel Rod for Lab Coats and Lead Aprons (option for 120 kg also available on request)
Cabinet volume	1.252 m <sup>3</sup>
Exterior dimensions	200 x 136 x 78 cm (H x W x D)
Interior dimensions	170 x 99 x 75 cm (H x W x D)
Door-opening dimensions	172 X 61 cm (H x W)
Exhaust duct diameter	18 cm
Electrical input	230 V, at least 8 A and 50 Hz. The power connection must be electrically grounded.
Room requirements	Room of minimum 20 m <sup>3</sup> with minimum one door or window.
Operation and automation	Fully automated, operable via touchscreen user-friendly interface.
Disinfection programs	60 minutes cycle, 10 minutes cycle
Safety features	2 sensors measuring ozone levels inside and outside of the cabinet 2 safety latches that prevent door opening during operation
Operating budget	<b>Consumable free</b> Ozone is generated by means of electrical power only (no expensive refills needed).
Environmental impact	<b>Chemicals free and 100% ecological</b> No residues
Advantages	<b>Automated process, high Repeatability, no material damage, porous material disinfection, ecological, low operation costs, no wetting of material, no residues, no shadowing</b>
Data or cycle reports	Generated and retrievable via USB key
Standard warranty	2 years
Manufacturer	Mediline, Slovenia