

Ozone generator

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ICT 05-10

All ICT ozone generators are built into a stainless steel cabinet with the ozone, oxygen and water connections on the bottom side. The built-in microprocessor monitors all vital system parameters and errors are indicated through a relay which can be connected to an external interface. Ozone production can be regulated manually or with a 4-20mA analog signal.



Technical specification

Ozone production	
Concentration, max	240 g/Nm ³
Feed gas	
Oxygen	99% (max dew point -60 °C/-140 °F)
Pressure, in	2 – 4 bar g (29.0 - 58.0 psig)
Pressure, internal	0.8 – 1.2 bar g (11.6 - 17.4 psig)
Cooling water	
Quality	Fresh, filtered & clean
Pressure, in	1 – 5 bar g (14.5 - 72.5 psig)
Temperature	5 -12 °C (41- 53.6 °F)
Flow	0,5 l/min
Electrical connections	
Voltage rating	230 VAC, 50 Hz
- Optional	115 VAC, 60 Hz
Power consumption, max	125 W



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Ozone generator

Technical specification

Connections	
O ₂ in	8 mm, push in
O ₃ out	8 mm, tube fitting
Cooling water, in	8 mm, push in
Cooling water, out	8 mm, push in
Dimensions	
Storlek (H x W x D)	300 x 200 x 155 mm (11.8 x 7.9 x 6.1 in)
Weight	8.5 kg (18.7 lb)
IP class	64

Specifications by model

Model	ICT-05	ICT-05LAB	ICT-10
Nominal O ₃ prod. [g/h]	0-5	0-5	0-10
O ₃ concentration [g/Nm ³]	140	140	70
O ₂ flow[l/min]	0.6	0.6	2.5
O ₂ pressure, max [g/Nm ³]	1.2 / 17.4	1.2 / 17.4	1.2 / 17.4

Advantages

- Low energy consumption
- High ozone concentration
- Very low noise level
- Compact design
- Easy to maintain
- Alarm signal output (relay)
- 4-20 mA analogue input



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