



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/Nm³

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

Connections

O₂ in 8 mm, push in

O₃ out 8 mm, tube fitting

Cooling water, in 8 mm, push in

Cooling water, out 8 mm, push in

Dimensions

Size (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

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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SPECIFICATIONS BY MODEL

Model	ICT-5	ICT-5LAB	ICT-10
Nominal O ₃ prod. [g/h]	0-5	0-5	0-10
O ₃ concentration [g/Nm ³]	135	135	70
O ₂ flow [l/min]	0.6	0.6	2.5
O ₂ pressure, max [bar/psig]	1.2 / 17.4	1.2 / 17.4	1.2 / 17.4