



# ICT 20-120

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 4-20 mA analog signal. The generator can via relay switches start or stop external units such as oxygen generators.



## TECHNICAL SPECIFICATION

<b>Ozone production</b>	
Concentration, max	240 g/Nm <sup>3</sup>
<b>Feed gas</b>	
Oxygen	99.5% (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)
<b>Cooling water</b>	
Quality	Fresh, filtered & clean
Pressure, in	2.5 – 5.0 bar g (36.3 – 72.5 psig)
Temperature	5 -12°C (41- 53.6°F)
<b>Electrical connection</b>	
Voltage	230 VAC, 50 Hz
<b>Connections</b>	
O <sub>2</sub> in	8 mm, push in
O <sub>3</sub> out	8 mm, tube fitting
Cooling water, in	8 mm, push in
Cooling water, out	8 mm, push in
<b>Dimensions</b>	
Size (L x W x H)	400 x 400 x 200 mm (15.7 x 15.7 x 7.9 in)
<b>IP class</b>	64

## ADVANTAGES

- System parameters display
- Compact design
- Alarm signal output (relay)
- High ozone concentration
- Easy to maintain
- 4-20 mA analogue input (optional)
- Very low noise level





# ICT 20-120

## SPECIFICATIONS BY MODEL

Model	ICT-20	ICT-40	ICT-60	ICT-80	ICT-100	ICT-120
Nominal O <sub>3</sub> prod. [g/h]	4-20	8-40	12-60	16-80	20-100	24-120
O <sub>3</sub> concentration [g/Nm <sup>3</sup> ]	135	135	135	135	135	135
at feed gas flow [l/min]	2.5	5.0	7.5	10.0	12.5	15.0
99% O <sub>2</sub> at pressure [bar g/psig]	1.2 / 17.4	1.2 / 17.4	1.2 / 17.4	1.2 / 17.4	1.2 / 17.4	1.2 / 17.4
Cooling water, min. [l/min]	1	2	3	4	5	6
Power consumption [W]	250	500	750	1000	1250	1500
Weight [kg/lb]	21 / 46.3	22 / 48.5	23 / 50.7	26 / 57.3	27 / 59.5	28 / 61.7