

TECHNICAL DATASHEET

Roxia Plasma Oxidizer™ 3.5 kW

*The technical details tabulated below are default and indicative.
Roxia reserves the right to make changes in the technical details.*

Technical Data	
Volumetric capacity	1 - 65 m ³ /h
Input power	~ 6 kW
Nominal plasma power	3.5 kW
Voltage / frequency	400 V / 50-60 Hz 3-phase
Input voltage transformer	Optional
Water inlet	DN100 flange EN1092-1
Water outlet	DN200 flange EN1092-1
Gas outlet	3x G 1/2" BSP female thread
Gas inlet	3x G 1/2" BSP female thread
Min. & max. ambient temp	5 °C to 40 °C
Min. & max. water temp.	1 °C to 30 °C
Max. water conductivity	2 mS/cm
Inputs	24 V DC for remote operation
Outputs	24 V DC for indicating system operation & alarms
Materials in contact with water	AISI 316, HDPE, silicone
Reactor weight	950 kg
Reactor height	2500 mm
Reactor width	1300 mm
Reactor length	1700 mm
Generator weight	250 kg
Generator height	2000 mm
Generator width	800 mm
Generator length	600 mm
Oil cooler weight	28 kg
Oil cooler height	500 mm
Oil cooler width	500 mm
Oil cooler length	900 mm
High voltage coaxial cable	2500 mm

Configuration may vary according to technical details agreed with the customer.

