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sensor sample pumps: corrosion-resistant & standard | acniti

Acniti offers two sensor sample pumps for ozone water concentration sensors and the ALT nanobubble monitoring system. Choose the corrosion-resistant model (SUS304, PTFE, FKM) for harsh ozone environments, or the standard model (EPDM, brass) for general water monitoring. Both run on 100-230V at 15W and handle water temperatures from 0-60°C.

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sensor sample pumps: corrosion-resistant & standard | acniti

precision sensor sample pumps for ozone and nanobubble monitoring

- Sensor Sample pump for corrosion resistant models
- Use with ozone sensors
- Use with ALT nanobubble monitoring system

Acniti's Sensor Sample Pumps are engineered for precision water sampling in ozone water concentration sensors and ALT nanobubble sensor systems.

Featuring two models—corrosion-resistant and standard—these pumps offer versatile compatibility, operating from 100V to 230V, with 15W power consumption. The corrosion-resistant unit utilizes SUS304, PTFE, FKM, and silicon-wetted parts for harsh environments, while the standard pump employs EPDM, Silicon, and brass for robust reliability. Both models accommodate 6mm inlets/outlets. Designed for consistent performance from 0–60°C water temperatures and up to 85% RH, Acniti pumps deliver accurate sensor readings for advanced water monitoring solutions.

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corrosion-resistant sample pump for ozone sensors | acniti

	General		
1	Model name	Precision Sensor Sample Pumps for Ozone and Nanobubble Monitoring	
2	Model number	tool_sensor_sample_pump_corrosive	
	Liquid	**Metric**	**Imperial**
3	water temperature minimum	0 °C	32 °F
4	water temperature maximum	60 °C	140 °F
5	Strainer availability and size	2~5µm	
	Ambient	**Metric**	**Imperial**
6	Ambient temperature maximum	40 °C	104 °F
7	Relative humidity minimum	0 %	
8	Relative humidity maximum	85 %	
	Gas	**Metric**	**Imperial**
9	Gas quality		
10	Gas remark		
	Electrical	**Metric**	**Imperial**
11	Unit phase Ø voltage	100V ~ 230V	
12	Unit power consumption	15 watts	
13	Wetted parts	SUS304, FKM, PTFE, Silicon,	
14	Pump model		
15	Pump phase Ø voltage		

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	Electrical	Metric	Imperial
16	Pump phase Ø voltage 60Hz		
17	Pump pressure setting		
18	Control		
	Connections		
19	Water inlet	6mm	
20	Water outlet	6mm	
21	Gas inlet		
	Dimensions & weight	**Metric**	**Imperial**
22	HS code	8413.5020-20	

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dc diaphragm sample pump for alt nanobubble sensor | acniti

	General		
1	Model name	Precision Sensor Sample Pumps for Ozone and Nanobubble Monitoring	
2	Model number	tool_sensor_sample_pump_standard	
	Liquid	**Metric**	**Imperial**
3	Flow / minute	0.4 Liter	0.1 Gallon
4	Flow / hour	23 Liter	6.0 Gallon
5	Strainer availability and size	2~5µm	
	Gas	**Metric**	**Imperial**
6	Flow / minute	0.3 Liter	0.1 Gallon
7	Flow / hour	18 Liter	4.8 Gallon
8	Pressure minimum	-45 kPa	-7 PSI
9	Pressure maximum	80 kPa	12 PSI
10	Gas quality	Air	
11	Gas remark		
	Electrical	**Metric**	**Imperial**
12	Unit phase Ø voltage	100V ~ 230V	
13	Unit power consumption	3 watts	
14	Wetted parts	EPDM, Silicon, brass fittings	
15	Pump model		
16	Pump phase Ø voltage		
17	Pump phase Ø voltage 60Hz		
18	Pump suction method	Self Priming	

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	Electrical	Metric	Imperial
19	Pump pressure setting		
20	Control		
	Connections		
21	Water inlet	6 mm	
22	Water outlet	6mm	
23	Gas inlet		
	Dimensions & weight	**Metric**	**Imperial**
24	Dim. (w) x (d) x (h)	550 x 230 x 100 mm	21.7 x 9.1 x 3.9 inch
25	weight	1.4 Kg	3.1 lbs.
26	HS code	8413.5020-20	
27	Shipping dim. (w)x(d)x(h)	36 x 26 x 20 cm	14 x 10 x 8 inch
28	Shipping weight	4 Kg	9 lbs.

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