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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 | Dim. (w) x (d) x (h) | 250 x 230 x 100 mm | 9.8 x 9.1 x 3.9 inch |
| 23 | weight | 1.4 Kg | 3.1 lbs. |
| 24 | HS code | 8413.5020-20 | |
| 25 | Shipping dim. (w)x(d)x(h) | 36 x 26 x 20 cm | 14 x 10 x 8 inch |
| 26 | Shipping weight | 4 Kg | 9 lbs. |


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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 | sensor_sample_pump_standard_100-230ac | |
| | **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 | Pressure minimum | -45 kPa | -7 PSI |
| 7 | Pressure maximum | 80 kPa | 12 PSI |
| 8 | Gas quality | Air | |
| 9 | Gas remark | | |
| | **Electrical** | **Metric** | **Imperial** |
| 10 | Unit phase Ø voltage | 100V ~ 230V | |
| 11 | Unit power consumption | 3 watts | |
| 12 | Wetted parts | EPDM, Silicon, brass fittings | |
| 13 | Pump model | | |
| 14 | Pump phase Ø voltage | | |
| 15 | Pump phase Ø voltage 60Hz | | |
| 16 | Pump suction method | Self Priming | |
| 17 | Pump pressure setting | | |
| 18 | Control | | |


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| | Connections | | |
|---|---|---|---|
| 19 | Water inlet | 6 mm | |
| 20 | Water outlet | 6mm | |
| 21 | Gas inlet | | |
| | **Dimensions & weight** | **Metric** | **Imperial** |
| 22 | Dim. (w) x (d) x (h) | 250 x 230 x 100 mm | 9.8 x 9.1 x 3.9 inch |
| 23 | weight | 1.4 Kg | 3.1 lbs. |
| 24 | HS code | 8413.5020-20 | |
| 25 | Shipping dim. (w)x(d)x(h) | 36 x 26 x 20 cm | 14 x 10 x 8 inch |
| 26 | Shipping weight | 4 Kg | 9 lbs. |


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