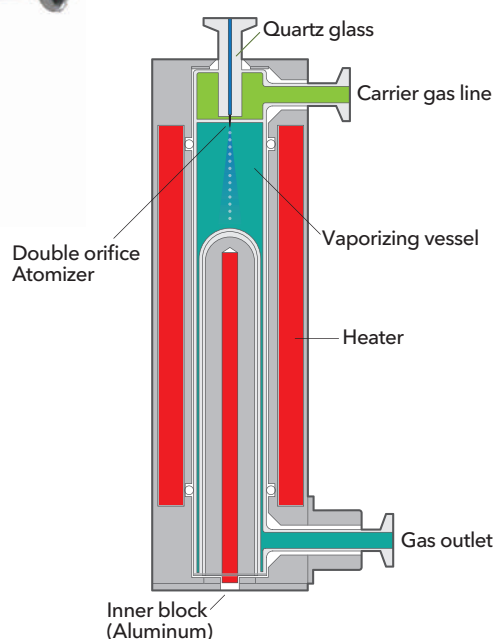


Quartz Vaporizer QV-1000 Series

Products For
Liquid Applications

LIQUID VAPORIZER UNIT



■ Outlines

- QV-1000 Series: Metal-free vaporizer made with quartz glass. Enables vaporization of corrosive precursors without risking metal contamination

■ Features

- Metal-free construction utilizing quartz glass for wetted parts
- Available for precursors that would cause corrosion to stainless steel, e.g. H₂O₂
- Precursor is atomized and supplied to the vaporization chamber via a double orifice nozzle and then is vaporized by passing in between the inner and outer quartz glass heater blocks which provide highly efficient vaporization
- Guaranteed vaporization rate of 15g/min H₂O

RoHS

Model	QV-1000	
Maximum vaporization rate	H ₂ O	15g/min
Carrier gas flow rate		N ₂ 10SLM
Withstand pressure		200kPa·A
Maximum power consumption	240V	3400W
Thermocouple		K Type 2pcs
Recommended temperature control method		PID
Maximum operating temperature		200°C
Thermal switch		Inner block: 270°C ±10°C Open Outer block: 270°C ±10°C Open
Leak integrity		5×10 ⁻⁴ Pa · m ³ / sec He
Wetted materials		Quartz glass
Fittings		NW16 Glass Flange
Mounting position		Vertically upward for precursor inlet and horizontal for piping
Weight		12kg