

## MI/MV Vaporizer Specifications

Model	MI-1000
Liquid Material	All liquids except those corrosive to stainless steel (ex. HCl, HF)
	Example generated flow rate: TEOS(to 7g/min),
	IPA(to 3cc/min)
Heater	120V(100W) / 208V(100W) /240V(100W) available
Wetted parts	SUS316L,PFA
Setting Temperature	Max 140°C
Temperature Sensor	Thermocouple K type
Temperature Switch	High limit 2450RC 160°C (ELMWOOD) NC type
External leak	Less than 1 to 10 <sup>-8</sup> Pa·m <sup>3</sup> /s (He)
Leak Integrity	Control Valve: Less than 1 to 10 <sup>-6</sup> Pa·m <sup>3</sup> /s (He)
	Air Valve Option: Less than 1 to 10 <sup>-9</sup> Pa·m <sup>3</sup> /s (He)
Standard Fitting	Liquid Inlet 1/8inch VCR type Male
	Gas Inlet 1/4inch VCR type Female
	Gas Outlet 1/4inch VCR type Male
Operating Temperature	15°C to 50°C
Pressure Resistance	1.0MPa (G)
Option	Pneumatic valve
Weight (exclude cable)	620 ± 10g (Standard Type),
	700 ± 10g (Air Valve Option Type)

Model	MV-1000
Liquid Material	All liquids except those corrosive to stainless steel (ex. HCl, HF)
	Max. 5.0 CCM conversion (liquid phase conversion)
Heater	Control Valve: 120V(100W) / 208V(100W) / 240V(100W) available
	Vaporizer: 120V(100W) / 208V(100W) / 240V(100W) available
Wetted parts	SUS316L,PFA
Setting Temperature	Control Valve: Max 140°C Vaporizer: Max 200°C
Temperature Sensor	Thermocouple K type (Control valve, Vaporizer)
Temperature Switch	Control Valve: High limit 2450RC 160°C(ELMWOOD) NC type
	Vaporizer: High limit 2450RC 250°C(ELMWOOD) NC type
External leak	Less than 1 to 10 <sup>-8</sup> Pa·m <sup>3</sup> /s (He)
Leak Integrity	Control Valve: Less than 1 to 10 <sup>-6</sup> Pa·m <sup>3</sup> /s (He)
	Vaporizer: Less than 1 to 10 <sup>-9</sup> Pa·m <sup>3</sup> /s (He)
Standard Fitting	Liquid Inlet 1/8inch VCR type Male
	Gas Inlet 1/4inch VCR type Female
	Gas Outlet 1/2inch VCR type Male
Operating Temperature	15°C to 50°C
Pressure Resistance	1.0MPa (G)
Option	Pneumatic valve
Weight (exclude cable)	1110 ± 10g (Standard Type),
	1190 ± 10g (Air Valve Option Type)