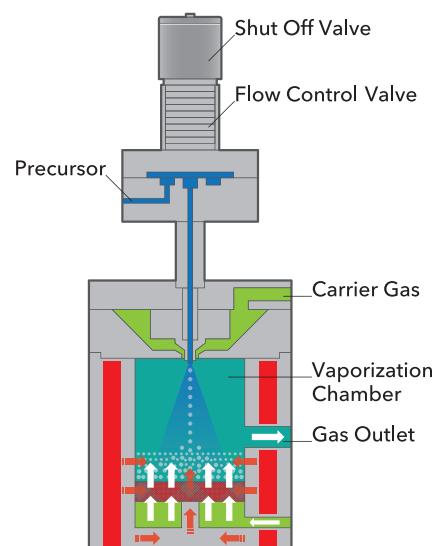


Light-Contact Vaporizer VU-900 Series



■ Outlines

- VU-900 Series: Vaporizer providing stable vaporization of liquid source by preventing heat deterioration through reducing possibility of direct contact of liquid with vaporization chamber
- Efficient liquid vaporization control when used with LM 3000L Series

■ Features

- High precision liquid vaporization system control using solenoid actuator
- Most suitable for thermally unstable materials such as low-k, high-k, and various metals
- Rapid vaporization by spraying liquid through double orifice nozzle into vaporization chamber
- Long-term leak tightness ensured using metal seal

RoHS

Model		VU-0920N	VU-0912N
Maximum vaporization rate	H ₂ O	5g/min	7g/min
Flow rate control range		10 ~ 100% F.S.	
Operating differential pressure		50 ~ 300kPa	
Withstand pressure		1MPa(G)	
Valve operation mode		Normally closed	-
Maximum power consumption	120V	800W	-
	240V	800W	2400W
Thermocouple		K Type 1pc	
Recommended temperature control method		PID	
Maximum operating temperature		300°C	200°C
Thermal switch		350°C ±9°C Open	230°C ±10°C Open
Leak integrity		1×10 ⁻¹¹ Pa · m ³ / sec He	
Wetted materials		SUS316L, Ni-Co, Polyimide	SUS316L
Seal materials		Au	Au, Karlez®
Control valve actuator		Solenoid actuator	-
Mounting position		Upward for connector and horizontal for piping	
Weight		5kg	7kg