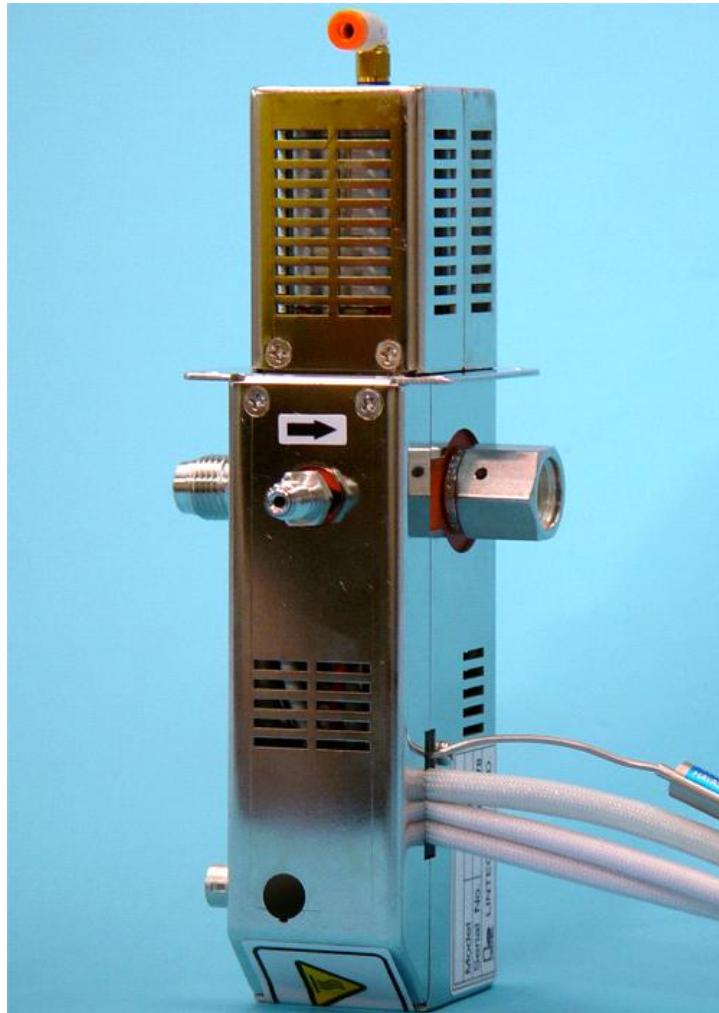


Liquid Vaporizer Unit

VU-206

For LPCVD and APCVD

RoHS



Features:

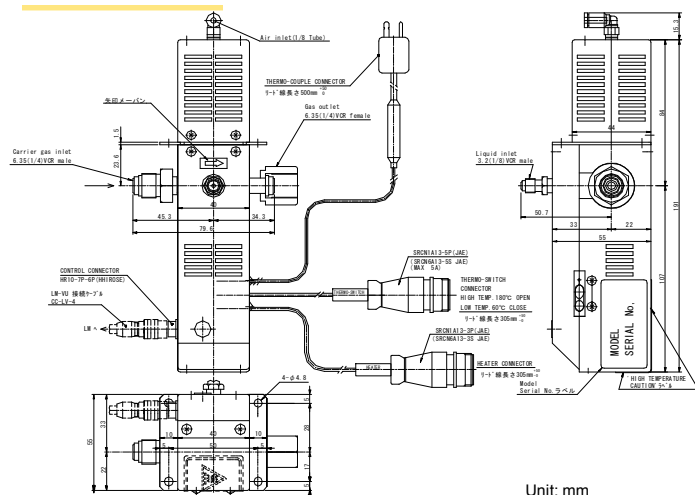
- Precise flow rate control and efficient vaporization of liquids (TEOS, TEB, TEPO, etc.) when used in combination with the LM-2102P, LM-2202P and LM-3102E liquid mass flow meters.
- Piezo control valve provides fast and precise control.
- Applicable to vacuum process and atmospheric process.
- Maximum operating temperature of 160°C.
- Compact body size.

Liquid Vaporizer Unit VU-206

SPECIFICATIONS Model VU-206

Description		Specification
Maximum flow rate (TEOS equivalent)		7.0 g/min (6.0 cc/min)
Carrier gas flow rate		14 SLM max.
Control valve		Piezo actuator, Normally open
Shut-off valve		Pneumatic actuator, Normally closed
Maximum operating temperature		160°C
Weight		1.4 kg approx.
Maximum operation pressure		1 MPa G
Leak integrity		1×10^{-11} Pa·m ³ /sec (He)
Fittings	Liquid inlet	3.2mm (1/8") VCR male
	Carrier gas inlet	6.35mm (1/4") VCR male
	Vapor outlet	6.35mm (1/4") VCR female
Heaters		120VAC single phase 50W x 2 parallel (70W at 100VAC)
Maximum power consumption		240VAC single phase 50W x 2 serial (70W at 200VAC)
Thermocouple		K Type (CA)
Thermal switch (Overheating alarm)	High	Open at 180°C +/- 15°C (120VAC/5A, 250VAC/2.5A)
	Low	Closed at 60°C +/- 2.8°C (120VAC/5A, 250VAC/2.5A)
Wetted materials		SS316L, Au, Ni-Co, Polyimide
Mounting direction		Carrier gas inlet or shut-off actuator upward
Accessory	LM-VU interconnecting cable	CC-LV-4-1M
Accessory for VU-206A (General purpose model)	Thermocouple connector	CMP02-K (RKC)
	Heater connector	SRCN6A13-3S (JAE)
	Thermal switch connector	SRCN6A13-5S (JAE)

DIMENSIONS



ORDERING INFORMATION

VU-206(A)-BB-CC-DD50W

(A): General purpose model

Heater connector: SRCN1A13-3P (JAE)

Thermal switch connector: SRCN1A13-5P (JAE)

BB: Valve size

015: Up to 2.5 g/min (2.0 cc/min) (C₂H₅OH equivalent)

030: Over 2.5 g/min (2.0 cc/min)

CC: Shut-off actuator

L3.2 (mm, Standard)

L4.0 (mm)

S3.2 (mm)

S4.0 (mm)

DD: Heater power

120V: AC100-120V

240V: AC200-240V

* The contents of this brochure are as of Sep 2008.

* Specifications may be changed without prior notice.

* For information not included in this brochure, please contact your nearest LINTEC distributor.



WARNING!! For your own safety, please read and follow the Instruction Manual.

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Pub. No. LC049E0809A2