

Vaporizer VU-450

Vaporization system for LPCVD and APCVD

RoHS



Features:

- Precise flow rate control and efficient vaporization of a wide variety of liquids when used in combination with the LM-2000 series liquid mass flow meter (US PAT. 5372754)
- Atmospheric vaporization and supply of pure water
- Maximum operating temperature of 200°C
- Compact body size
- Wide range of carrier gas flow rates (1SLM-100SLM)



LINTEC CO., LTD.

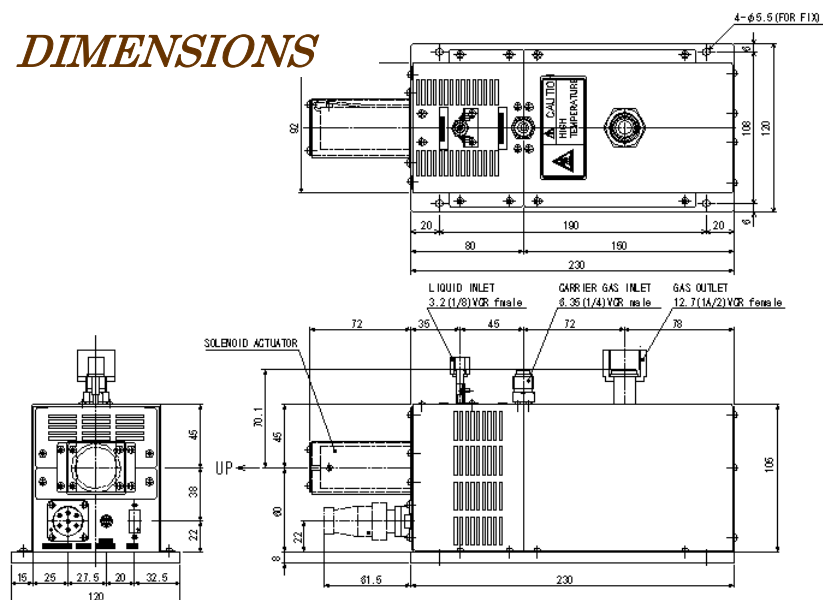
Vaporizer Unit

VU-450

SPECIFICATIONS

Model VU-450		
Item	Model, Classification	Specifications
Carrier gas flow rate	VU-450-01	0.8-1.5 SLM
	VU-450-02	1.5-3S LM
	VU-450-03	3-6 SLM
	VU-450-04	6-10 SLM
	VU-450-05	10-14 SLM
	VU-450-06	14-20 SLM
	VU-450-07	20-40 SLM
	VU-450-08	40-80 SLM
	VU-450-09	80-130 SLM
Control valve type		Normally closed diaphragm solenoid valve
Thermocouple		K type
Maximum operating temperature		200°C
Standard fittings	Precursor input Carrier gas input Vaporizer output	3.2mm VCR Female 6.35mm VCR Male 12.7mm VCR Female
Maximum power consumption	VU-450 240V specification	L2:0.8KW
	VU-450 120V specification	L1:0.8KW
Thermal switch (overheating alarm)		Open above 230°C
Gas, liquid contact materials		SUS, Au, Ni-Co, polyimide
Mounting direction		Vertical
Standard accessories	LM,VU cable	CC-LV-3-3M
	Thermocouple connector	CMP01-K (RKC)
	Heater connector	SRCN6A16-7S (JAE)

DIMENSIONS



Ordering information VU-450-AA-BB

AA: Carrier gas flow rate

*Refer to above list

BB: Types of heater
L1 or L2: 120V or 240V

*Consult us to select those 2 types of heter.

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

* Specifications may be changed without prior notice.

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

<http://www.lintec-mfc.co.jp>

Corporate Headquarters

4-1-23 Sekinotsu, Otsu City, Shiga 520-2277 Japan
Phone.+81-(0)77-536-2210 FAX.+81-(0)77-536-2215

Tokyo Branch Office

3F Hattori Build., 4-30-14 Yotsuya Shinjyuku-ku Tokyo 160-0004, Japan
Phone.+81-(0)3-5366-2801 FAX.+81-(0)3-3341-3513

LINTEC KOREA

#822 Sicox Tower, Sangdaewon-dong, Jungwon-gu,
Seoungnam-si, Gyeonggi-do, 462-726, Korea
Phone: +82-(0)31-732-2191 FAX: +82-(0)31-732-2194



LINTEC CO., LTD.