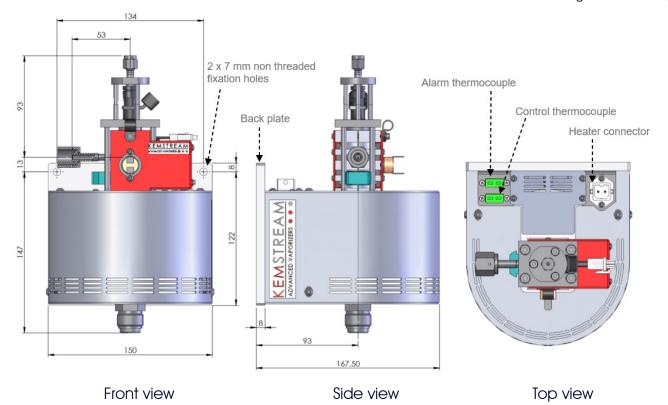
# VAPBOX 300



- Vaporizes pure liquid compounds and solid ones dissolved in a carrier liquid (organic solvent) up to 250°C.
- Is able to handle and vaporize most of solid and liquid compounds including low vapor pressure, thermally labile and viscous ones.
- Provides high and unmatched performances based on a pulsed injection of a mixture of liquid and carrier gas. That pulsed injection is performed by a proprietary Injection Head (atomizer) and allows a very fine atomization and thus flash vaporization of the liquid.
- Also features an improved internal design with integrated baffle

# **DIMENSIONS (mm)**

Total weight is about 6 kg







# **TECHNICAL SPECIFICATIONS**

### Injection Head (liquid inlet)

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#### ICU (Injection Control Unit)

 24 VDC or 110-230 VAC remote and rackable 19" 2U unit

## **Heating:**

- 1 heating zone, up to 250°C, 400 W
- 2 K type thermocouples: (1 for control, 1 for alarm)

#### Fittings:

- 1/8" compression type or 1/8" VCR male fitting
- 1/4" VCR female fitting for carrier gas inlet
- 1/2" VCR male fitting for vapor outlet

#### Versions (heater):

230 VAC version and 115 VAC version

#### Accessories:

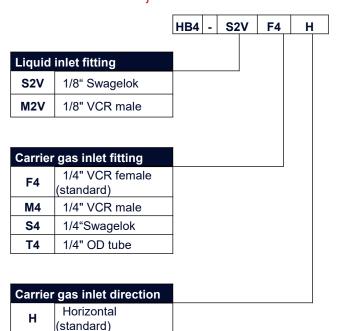
- Liquid flow controlling kit including a Liquid Flow Meter (LFM)
- Liquid panel including a precursor tank and with an optional solvent tank (for rinsing purpose)
- Carrier gas panel including a carrier gas Mass Flow Meter (MFM)
- TCU (Temperature Control Unit): 19" remote and rackable 3U unit

## Flows range:

- Typical carrier gas flow range = 120 to 5000 sccm
- Typical liquid flow range = 0.1 to 10 g/ min

# **ORDERING INFORMATION**

# Injection head



Vertical

## Vaporizer

		V03	НВ	M8	V-2
		_			
Voltage	(for heating)				
НВ	230 VAC				
LB	115 VAC				
	•	1			
Vapor outlet fitting					
М8	1/2" VCR male (standard)				
M4	1/4" HVCR male				
	other fittings upon request				
	-	ı			
Vaporiz	er pressure (process P)				
V-2	from 0 to 1.5 bara				
A-2	above 1.5 bara				
		1			

