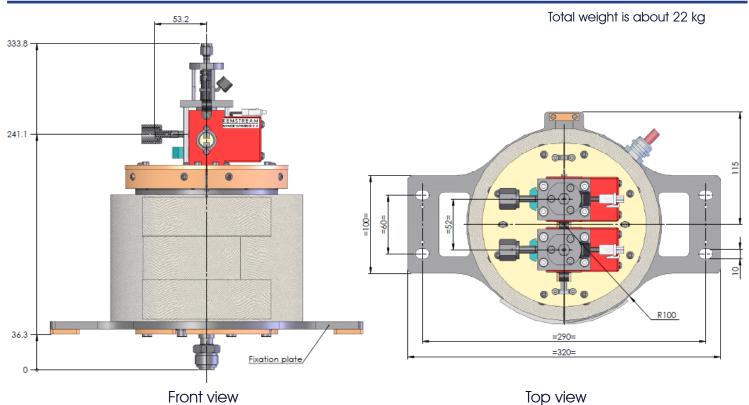


VAPBOX 1500

- Vaporizes pure liquid compounds and solid ones dissolved in a carrier liquid (organic solvent) up to 300°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.
- Operates from vacuum to atmospheric pressure.
- Thanks to delivering of accurate and stable liquid flows, the VAPBOX 1500 delivers accurate and stable vapor flows.
- Can inject and vaporize 2 liquids or solutions simultaneously or sequentially.



DIMENSIONS (mm)



A brand of



TECHNICAL SPECIFICATIONS

Injection Heads (liquid inlets)	Accessories:
• 1 or 2	• 1 Liquid flow controlling kit per Injection Head,
ICU (Injection Control Unit)	including a Liquid Flow Meter (LFM)
• 24 VDC or 110-230 VAC remote and rac-	Liquid panel with 1 precursor tank per Injection
kable 19" 2U unit	Head and with an optional solvent tank (for rin-
<u>Heating:</u>	sing purpose)
 3 heating zones, up to 300°C, 1650 W 	Carrier gas panel with 1 carrier gas Mass Flow
• 4 K type thermocouples: (1 per heating zone	Meter (MFM) per Injection Head
+ 1 alarm)	• TCU (Temperature Control Unit): 19" remote
<u>Fittings:</u>	and rackable 3U unit
• 1/8" compression type or 1/8» VCR male fit-	Flows range (per Injection Head):
ting for liquid inlet(s) (1-2)	• Typical carrier gas flow range = 120 to 5000
 1/4» VCR female fitting for carrier gas inlet(s) 	sccm
(1-2)	• Typical liquid flow range $= 0.1$ to 10 g/min
 1/2» VCR male fitting for vapor outlet 	• Typical liquid flow range $= 0.1$ to 10 g/min

ORDERING INFORMATION

230 VAC version and 115 VAC version

Injection head

Versions:

•

HB4 - S2V F4

н

S2V	1/8" Swagelok	
M2V	1/8" VCR male	

Liquid inlet fitting

Carrier gas inlet fitting		
F4	1/4" VCR female	
	(standard)	
M4	1/4" VCR male	
S4	1/4" Swagelok	
T4	1/4" OD tube	

Carrier gas inlet direction

н	Horizontal
	(standard)
V	Vertical

Vaporizer

		V15	HBRS2	M8	v
Voltage (for heating)				
HBRS2	230 VAC				
LBRS2	115 VAC				
Vapor ou	tlet fitting				
M8	1/2" VCR male (standard)				
M4	1/4" VCR male				
	other fittings upon request				
Vaporize	r pressure (process P)				
V	from 0 to 1.5 bara				
Α	above 1.5 bara				



SEMCO TECHNOLOGIES

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