

# SW-100

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## VDM EVAPORATOR SW-100

### Vapour Delivery Module

- Accurately controlled gas/liquid mixture
- Pre-tested, safe and ready to use
- High reproducibility
- Very stable vapor flow



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### All-In-One Vapor Delivery Module

Bronkhorst® model SW-100 VDM All-In-One Vapor Delivery Modules are suited for precise vapor flow delivery, composed by mixing up to 30 g/h H<sub>2</sub>O (32 g/h IPA) with max. 4 l<sub>n</sub>/min of carrier gas at operating pressures between vacuum and 10 bar. The VDM incorporates the components of a Bronkhorst® CEM-System and more! Besides gas and liquid flow controllers and the temperature controlled evaporator, the module features integrated power supply with display (1,8" TFT) and control functions. As an option, the unit offers local or remote trace heating temperature control.

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## Technical specifications

### Measurement / control system

Ambient temperature max	5 ... 40 °C
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Max. heating temperature	200 °C
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Heater capacity	10 W
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### Mechanical parts

Material (wetted parts)	stainless steel 316L or comparable
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Pressure rating (PN)	10 bar g
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Process connections	Gas and liquid inlet: compression type or face seal couplings; Vapour outlet: 1/4" tube (other options on request)
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Seals	Viton®/Kalrez®; other on request
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Purge outlet	1/8" OD compression type or 1/8" face seal male
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Plunger	Kalrez®; other on request
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Display	1,8" (TFT technology)
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Mains supply inlet	IEC 60320-1/C20 male socket with on/off switch, 230 V / 115 V; 50 Hz / 60 Hz
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### Electrical properties

Max. power consumption	max. 250 VA; add 300 VA for optional tracing control
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Electrical connection	FLOW-BUS (2 x RJ45 connector) or RS232 (1 x 9-pin sub-D connector); Optional: Pt100-connection (1 x 4-pin M12 male, a-coded); Optional: IEC 60320-2-2/C13 female tracing outlet
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Technical specifications subject to change without notice.

Note: For gas and liquid flow control, the VDM module is equipped with Bronkhorst Thermal or Coriolis Mass Flow Meters/Controllers.

For dimensional drawings and hook-up diagrams please visit the [product page](#) on our [website](#)

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## Related products



**CEM EVAPORATOR W-102A**

Max. 30 g/h liquid;  
Max. 4 l/min gas  
Pressure rating 100 bar  
Very stable vapor flow  
Flexible gas/liquid ratio



**VDM EVAPORATOR SW-200**

Max. 120 g/h liquid;  
Max. 10 l/min gas  
Pressure rating 10 bar  
Very stable vapor flow  
Pre-tested, safe and ready to use



**BRONKHORST USA INC.**

57 South Commerce Way

Suite 120

USA - Bethlehem, PA 18017

Tel. [+1-610-866-6750](tel:+1-610-866-6750)

[sales@bronkhorstusa.com](mailto:sales@bronkhorstusa.com)