

PowerVap™ Small Volume

Concentration / Evaporation System

The PowerVap™ Small Volume is a stand-alone-automated direct-to-vial concentration system that replaces older, manual techniques such as KD, nitrogen blow down and water baths. The PowerVap Small Volume direct-to-vial concentration system is designed to simplify, improve and increase laboratory productivity by automating the manual steps in your sample evaporation / concentration process. It automates the time consuming steps involved in manual sample concentration, lowers labor costs and eliminates errors.

The PowerVap concentrator sets a new standard for automating rapid sample evaporation and concentration for producing consistent, reliable results. The PowerVap automated concentration system is ideal for the analysis of pesticides, herbicides, persistent organic pollutants, PCBs, PAHs, pharmaceutical and personal care by-products plus many other applications.

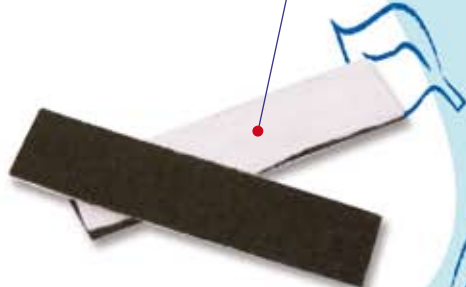
- Automatic time-based or endpoint detection for nitrogen shut off for each vessel
- Uses no water dry heating assembly makes solvent recovery simple
- Compact size



Measurements
Concentration / Evaporation vessels
in 500 μ L, 1 mL, direkt ins GC-Vial or to dryness

Sample sizes
from 1 mL to 50 mL.

HEPA / Carbon Filter
eliminates outside contamination.

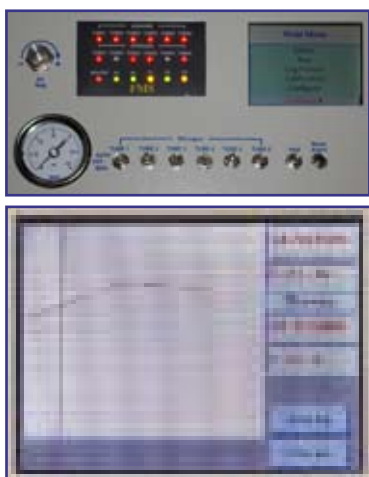


Concentrates up to 12
20 mL, 40 mL, 60 mL Vials or 50 mL
concentration vessel with tips.

Concentrates up to 24
2 mL or 4 mL Vials.

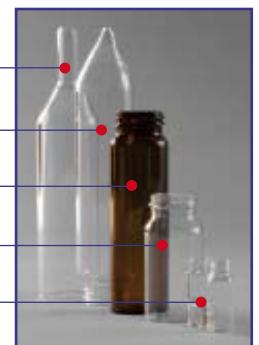


Consumables		Accessories	
Part Number	Description	Part Number	Description
PVAP-TUB-GC	Concentrator tubes standard - GC	PVAP-USB-CB	USB communication cable
PVAP-VIA-GC	GC vial	PVAP-EXH-PE	Exhaust tube
PVAP-UNI-GC	GC vial union	PVAP-CVR-TFE	Concentrator tube cover
PVAP-TUB-1 mL	250 mL concentrator tubes 1 mL tip	PVAP-RAC-15 mL	Rack for 15 mL conical tubes
PVAP-TUB-500 µL	250 mL concentrator tubes 500 µL tip	PVAP-RAC-GVC	Rack for 11 mm GC vials
PVAP-FLT-HC	Hepa / Carbon filter	PVAP-RAC-60 mL	Rack for 17 x 60 mm vials
PVAP-TUB	50 mL-GC	PVAP-RAC-100 mL	Rack for 16 x 100 mm vials
PVAP-TUB	50 mL - 1 mL 50 mL concentrator tube 1 mL	PVAP-RAC-200 mL	Rack for 250 mL concentrator tubes
PVAP-TUB	50 mL - 500 µL	PVAP-STA	Standalone PowerVap
Specifications		PVAP-STA-12	Standalone PowerVap 12 position 50 mL tube with tip
		PVAP-STA-12-20 mL	Standalone PowerVap 12 position 20 mL vial
Dimension	33 cm x 33 cm x 30 cm (B / T / H)	PVAP-STA-12-40 mL	Standalone PowerVap 12 position 40 mL vial
Weight	9 kg / 20 lbs.	PVAP-STA-12-60 mL	Standalone PowerVap 12 position 60 mL vial
Gas requirements	Nitrogen - 20 PSI minimum	PVAP-STA-24-2 mL	Standalone PowerVap 24 position 2 mL vial
Electrical input	110 / 220 V, 50 / 60 Hz	PVAP-STA-24-4 mL	Standalone PowerVap 24 position 4 mL vial
Controller	Touch screen	PVAP-HTBK-224	PowerVap 24 position 2 mL vial dry bath
Bath	Dry	PVAP-HTBK-424	PowerVap 24 position 4 mL vial dry bath
		PVAP-HTBK-20	PowerVap 12 position 20 mL vial dry bath



- Easy-to-use touch screen programming
- Programmable heat ramp and nitrogen settings to precisely control the concentration and evaporation process
- A temperature log is saved for each run and may be downloaded to a PC via USB port

- 50 mL tube with tip
- 60 mL tube
- 40 mL Vial
- 20 mL Vial
- 2 mL Vial



CAMPRO
SCIENTIFIC

FMS
Fluid Management Systems

■ Germany
Campro Scientific GmbH
Tel. +49.(0)30.629.01.89.0
info@campro.eu
www.campro.eu

■ The Netherlands
Campro Scientific GmbH
Tel. +31.(0)318.529.437
info.nl@campro.eu
www.campro.eu

■ USA
FMS - Fluid Management Systems, Inc.
Tel. +1.617.393.2396
sales@fms-inc.com
www.fmsenvironmental.com