



Vapor Cleaning Device

The Vapor Cleaning Device is an easily handled and highly corrosion-resistant tool for ultra-trace cleaning of sample preparation equipment.

Efficient and Economic Cleaning

The use of the Vapor Cleaning Device ensures minimal blank values for further analysis and is recommendable for any vessel type used in trace and ultra-trace analytical procedures.

The device is ideal for cleaning vessels and accessories made of PFA, PTFE or quartz, which are typically used in microwave or conventionally heated pressure decompositions.

Cleaning is accomplished by convection and condensation of high-purity acid vapors generated by a graphite heating plate. The system is air-cooled and does not need any additional cooling water for economic and safe unattended overnight operation.

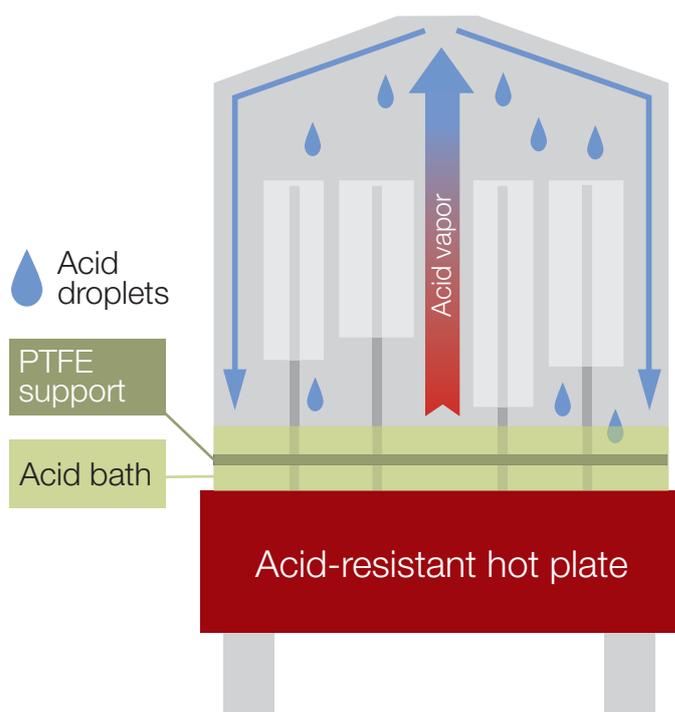
Easy to use

Simple

- ▶ Insert different vessels
- ▶ Close the cleaner
- ▶ Start the program

Efficient

- ▶ No additional handling
- ▶ Minimal blank values
- ▶ Minimal cleaning reagent consumption



Technical data

Materials in contact with the vessels and reagents	PFA, PTFE
Heating plate	Graphite, PTFE coated
Temperature range	Up to 250 °C
Vessel capacity	Up to 48 vessels with a minimum inner diameter of 15 mm and a maximum length of 240 mm
Reagent amount	400 mL (reusable several times)
Cooling	Passive air cooling
Dimensions and weight	Diameter: 300 mm; height: 300 mm PFA container: 6.5 kg; hot plate: 8.5 kg
Power supply	230 V/50 Hz or 100/115 V at 50/60 Hz; 3000 VA

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Instruments for:

Density & concentration measurement	Colloid science
Rheometry and viscometry	High-precision temperature measurement
Sample preparation	Refractometry
Microwave synthesis	Polarimetry
	X-ray structure analysis

Specifications subject to change without notice.

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