

EVAPOCLEAN®

Closed environment evaporation device.



EVAPORATION:

The EvapoClean allows you to evaporate solutions (organic solvents, acidic and alkaline solutions: HCl, HF, HNO₃, HBr, HClO₄, H₂SO₄, NH₄OH, H₂O₂), totally or partially, with good recoveries down to ppt levels and without external contamination (ask us to get examples of recovery data).

SIMULTANEOUS ENVIROMENT ...

... can be processed (up to 12) depending of the model.

CLOSED ENVIRONMENT ...

... protects your staff and laboratory against corrosive vapours. It reduces your operating costs while avoiding any investment in vapour neutralization system, scrubbers and pumps.

ACID INERT:

- :: All surfaces are covered with Teflon
- :: Cups are made of PFA, elbows of high quality PTFE
- :: The wire between the temperature controller and the heating block is about 1,7 m long. That length enables to put the controller outside the corrosive area.

TECHNICAL DATA:

EvapoClean	
Models:	3, 6 or 12 positions for maximum evaporation 25 mL or 125 mL with 6, 12 oder 24 positions for mineralization dillivered with 3, 6 or 12 elbows and corresponding 33 or 180 mL vials and 1 thermal protection
Voltage:	230 Volts (100-110 Volts upon request)
Temperature:	Ambient to 235°C * Uniformity +/- 2°C 3 over temerature protections
Material:	Hot blocks: PFA coated graphite Cups: PFA Elbows: high quality PTFE

Temperature controller	
Models:	programmable: 4 programs of 16 segments up/down These 2 models can be equipped with an additional screen for the reading of the In Situ temperature or a recorder device Easylog (please consult us).
Voltage:	230 Volts (100-110 Volts upon request)

Options	
	Graphite wedges for maximum evaporation of 17, 60 or 90 mL (instead of 25 and 125 mL)
	In Situ Probe for reading of the temperature, to be used with the suitable controller
	Mufle for cleaning of the PFA vials
	Stand for Elbows
	Stand for carrying of the containers

ORDERING INFORMATION

Part #	Modell	Description
T03-535	3P25	3 positions 22 mL x 6 containers 30 mL
T03-565	6P25	6 positions 22 mL x 12 containers 30 mL
T03-625	12P25	12 positions 22 mL x 24 containers 30 mL
T03-520	3P45	3 positions 120 mL x 6 containers 180 mL
T03-521	6P45	6 positions 120 mL x 12 containers 180 mL
T03-522	12P45	12 positions 120 mL x 24 containers 180 mL

Warranty:

1 year on electrical/electronic parts
2 years on defect in construction