



## CLEANACIDS

Purification of acids through sub-boiling

**Metal-free!**



**ANALAB**  
 An Elemental Scientific Company

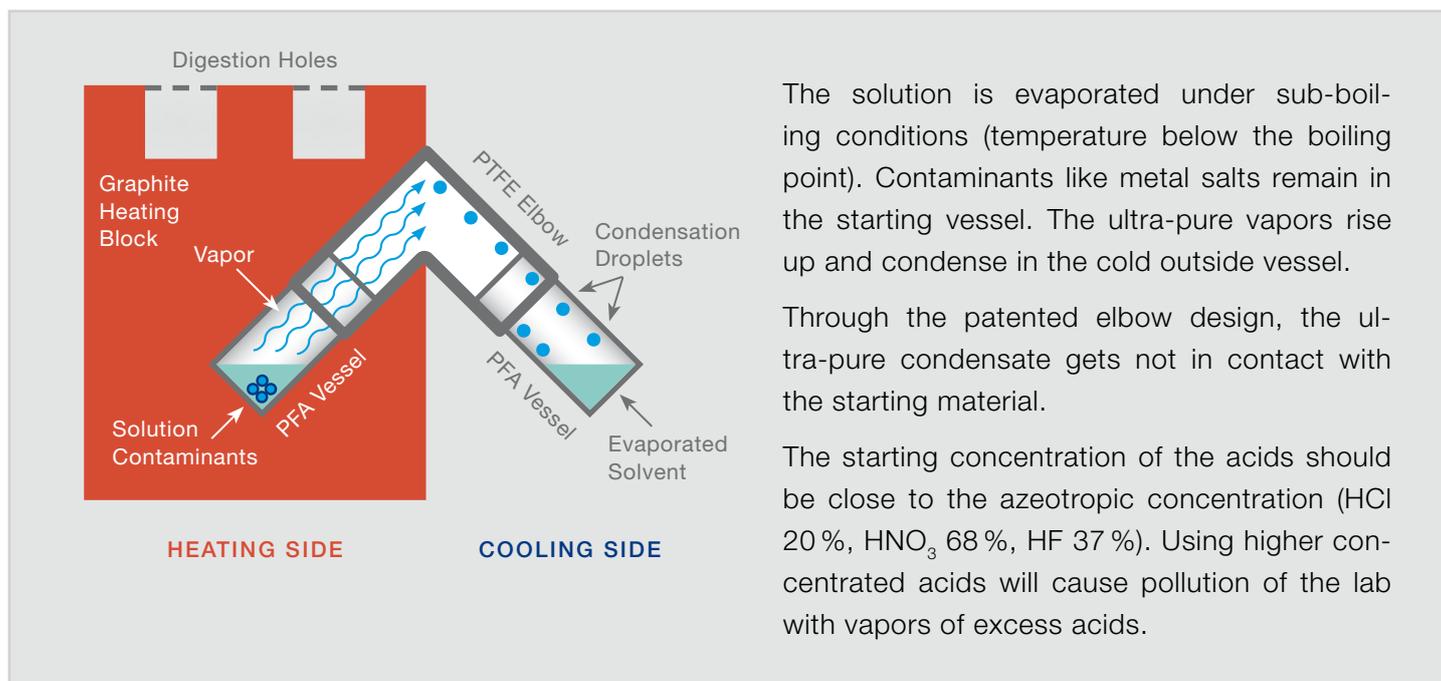
### EFFICIENT AND COST-SAVING

The CleanAcids from ESI-Analab is a system for efficient and cost-saving production of ultra-pure acids and reagents for sample preparation in trace element or ultra-trace analysis. It gently heats up liquids below the boiling point ('sub-boiling') and allows to clean multiple reagents simultaneously. It can handle various liquids such as  $\text{HNO}_3$ , HF, HCl,  $\text{NH}_4\text{OH}$  and  $\text{H}_2\text{O}$ .

### FEATURES AT A GLANCE

- ✓ Metal-free and PFA-coated
- ✓ Acid inert and corrosion-resistant
- ✓ Homogenous temperature distribution
- ✓ Simultaneous purification of multiple liquids
- ✓ Cleaning in sequent steps
- ✓ Large volume element enrichment
- ✓ No water-cooling required

## CLEANACIDS WORKING PRINCIPLE



## CLEANACIDS MODELS



Part No.	Model	Heating Slots / Vessel Type	Material	Evaporation Rates*
T03-610	3p125	3 slots for 180 mL vials	Vials: PFA Elbows: PTFE	10 – 15 mL / hour
T03-605	3p500	3 slots for 500 mL bottle	Bottles: PFA Elbows: PTFE	10 – 15 mL / hour
T03-601	1p1000	1 slot for 1000 mL jar (inside) and 2000 mL bottle (outside)	Jar/bottle: PFA Elbow: PTFE	35 mL / hour

\* Depending on configuration and the substances being processed. Table data shows typical evaporation rates for e.g. HCl, HNO<sub>3</sub>.

## TEMPERATURE CONTROLLER



Part No.	Description
T03-305	Non-programmable controller with timer
T03-3051	Non-programmable controller without timer
T03-310	Programmable controller with timer

## ACCESSORIES



Order No.	Description
T03-521	PFA elbow for 180 mL vessels
T03-522	PTFE elbow for 500 mL vessels
T03-519	Elbow stand for 180 mL vessels
T03-615	Elbow stand for 500 mL bottles