

VITRIOX® ELECTRIC Mono

The VITRIOX® ELECTRIC Mono is a fully automatic fusion machine with cold to cold operation for 1 sample. It is ideal for demanding quality control, method development and special applications due to its high flexibility and precision.



EU Patent: 2 901 131
US Patent: 9 651 463
JP Patent: 6 322 633
AU Patent: 2 013 322 930
CA Patent: 2 886 103



Highest precision:

- closed oven with lift bottom for precise temperature control
- unique high speed 3D rotation for agitation
- equal temperature distribution



Applications:

- complete XRF solutions with a wide range of calibrations
- volatile element analysis
- use of quartz crucibles
- use of lids



Service:

- expert laboratory and international service team support
- installation and maintenance online courses



Flexibility:

- modular design



Comfort:

- autosampler handles samples automatically
- sample observation via mirror
- touch display with easy to use software
- USB port
- ready for LIMS



Safety:

- casting dish monitoring
- flux resistant **FLUXinert®** ceramics
- safety housing with autolock function



Touch display with a wide range of calibrations



Special Application: Use of lids for volatile elements



Unique high-speed 3D rotation for agitation



Technical Data	VI-0001-1
Stations:	1 XRF / ICP
Voltage:	230 V/50-60 Hz
Power:	3000 W
Power Supply:	1~ AC / 16 A
Temperatures:	0 - 1,250 °C
Permiss. Air pressure:	6 bar
Air consumption:	max. 1.5 m³/hr
Protection category:	IP 20
Length:	860 mm
Width:	740 mm
Height:	885 mm
Weight:	~ 120 kg
Samples per h:	3