

## VITRIOX® ELECTRIC 4+

The VITRIOX® ELECTRIC 4+ is a fully automatic fusion machine with cold to cold operation for 4, 8, 12 or 16 samples (4 samples at a time). It has been designed to achieve the best possible results in day-to-day XRF laboratory routine while offering a high throughput.



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
- 100 applications possible
- volatile element analysis
- use of quartz crucibles
- use of lids



### Service:

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



### Flexibility:

- 4 different applications in one run
- modular design
- continuous operation



### Comfort:

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



### Safety:

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



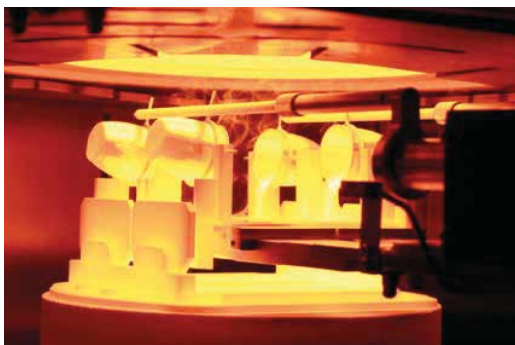
Equal temperature distribution  
on all 4 samples



Separate stations for continuous  
operation of up to 16



closed oven with lift bottom for  
precise temperature control



Technical Data	VITRIOX® 4+
Samples:	4 per fusion
Sample holders:	1-4 (4 crucibles each)
Voltage:	400 V/50 Hz
Power:	7500 W
Power Supply:	3~ AC / 16 A
Temperatures:	0 - 1,250 °C
Permiss. Air pressure:	6 bar
Air consumption:	max. 2.1 m3/hr
Protection category:	IP 20
Weight:	~ 500 kg
Length:	1500 mm
Width:	750 mm
Height:	1800 mm