



# Katanax® X-100 Fluxer for XRF & ICP

Introducing the most compact model in our X Series fluxers, designed specifically for entry-level laboratories

- Electric Fusion Fluxer: unparalleled sample preparation versatility for XRF (beads) or ICP analysis (solution)
- Unmatched performance and technique reproducibility to our larger X Series fluxers
- Independent self-contained operation with fully automated heating and sample processing
- Limited footprint to minimize disruption to existing lab processes and simplified site setup requirements
- User-Friendly Interface: Easily navigate operations with illuminated process indicators and an intuitive touch screen

Embrace proven fusion technology with ease!



**Agence Nord:**

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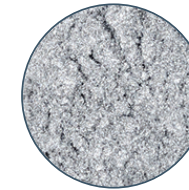
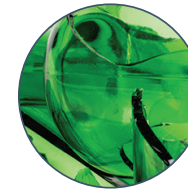
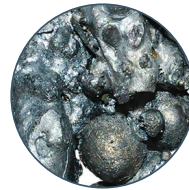
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## Environmental Express Katanax X-100

### Cold-to-cold preparation

- Produces glass disks (fusion beads) for XRF analysis or dissolved metal solutions (including peroxide or pyrosulfate fusions without modification) for ICP-MS analysis

### Productivity

- Featuring CPLive™ networking functions
- Innovative heating elements
- Impervious to flux and other chemical projections
- Robust and non-brittle (instrument can be moved without element damage)
- Cartridge type for easy replacement
- Can be changed individually, with minimal interruption

### Advanced furnace

- PID temperature control to ensure stability, combined with a unique temperature calibration via molten flux
- Fast heat-up (<15 minutes)
- Strict use of ceramic eliminates metal contamination

### Advanced movement control

- Movement recovery in case of stall
- All movement axis are driven directly
- Uses encoders as movement feedback (no sensor)

### Additional details

- Industrial PLC interface (does not depend on Windows updates)
- Requires no external supplies (no power supply box, no cooling fluids)
- Works on 115 or 230 VAC single-phase power (no need for 3-phase)
- Ambient status light (red when processing, blue when completed)

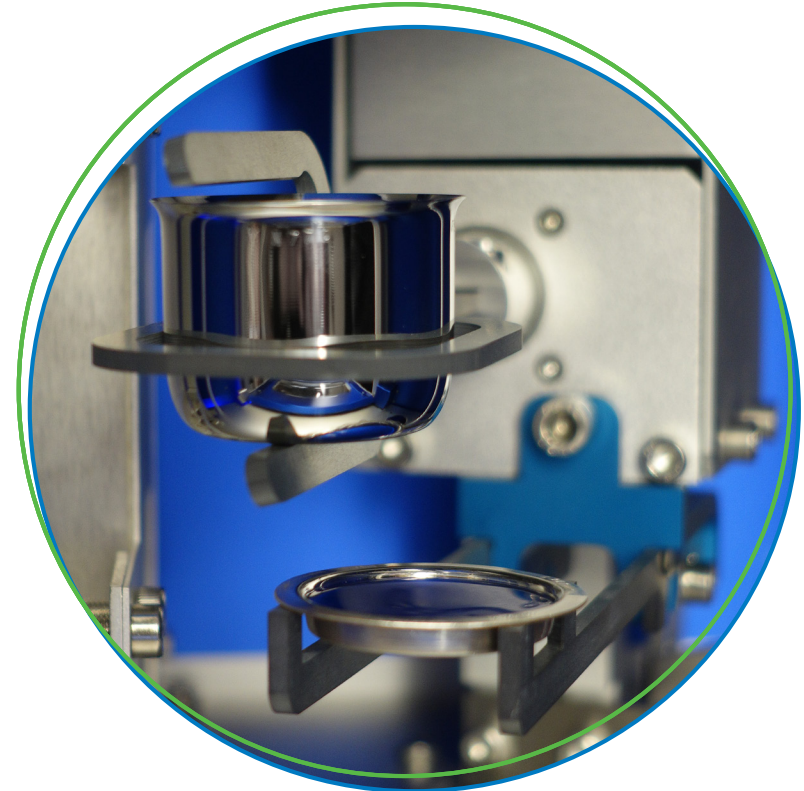
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ISO  
9001:2015  
Certified

### Specifications

- Voltage: 115-230 VAC single phase
- Maximum Power: 1500 Watts
- Maximum temperature: 1200 °C
- Frequency: 50-60 Hz
- Fuses: 12 or 6A (Fast Blow)
- Weight: 22 kg (49 lbs)
- Height: 42 cm / 16.5 in
- Width: 42 cm / 16.5 in
- Depth: 42 cm / 16.5 ins



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