

Katanax<sup>®</sup>

XFP-01

# FLUXPENSER<sup>®</sup>

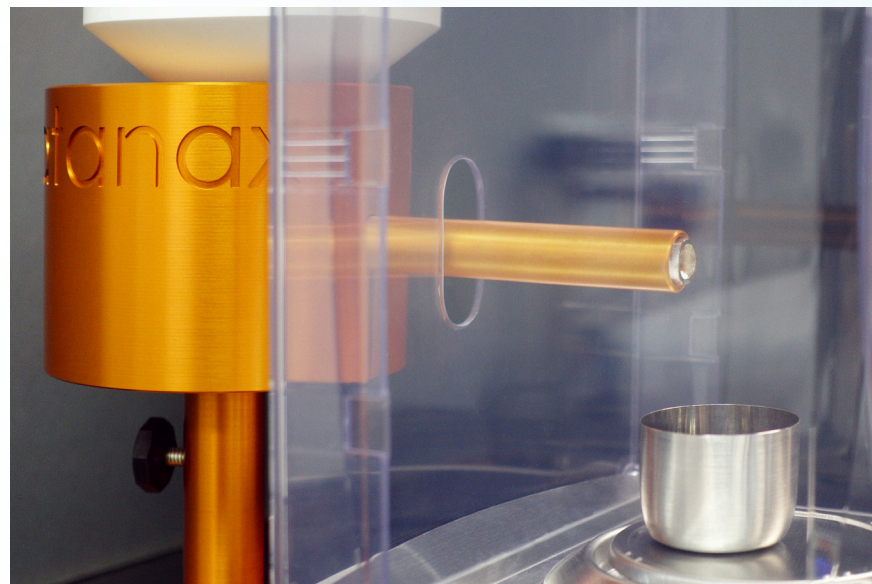


AUTOMATIC FLUX DISPENSER

SPEX<sup>®</sup> SamplePrep<sup>®</sup>



The FluxPenser® is a flux dosing machine that automatically calculates and accurately dispenses the required amount of flux to the sample. With the FluxPenser your lab will gain efficiency, precision and excellent reproducibility in sample and flux weighing.



## FEATURES

- The FluxPenser can dispense granular or micro bead flux for optimal flexibility. Dispensing parameters can be adjusted to desired speed and dispensing precision for flux type.

The FluxPenser® has two operating modes:

- Mode 1: High accuracy flux dosing and weighing.
- Mode 2: Automatic flux dispensing to obtain a desired flux/sample ratio, sample is weighed, then flux is added to the desired ratio. Sample can be added directly to the bottom of the crucible or in a sandwich of flux to facilitate mixing.
- Zero-touch operation for flux dispensing and one-touch operation for ratio mode.

## SPECIFICATIONS

- |  |  |
|--|--|
| • <b>VOLTAGE:</b> 110-220 VAC single phase                               | • <b>DIMENSIONS CONTROLLER:</b><br>20 cm (7.9 in.) × 20 cm (7.9 in.)                               |
| • <b>MAXIMUM POWER:</b> 6 Watts  |  |
| • <b>FREQUENCY:</b> 50-60 Hz   | • <b>FOOTPRINT (CONTROLLER/<br/>WEIGHING UNIT):</b><br>Approx. 50 cm (19.7 in.) × 50 cm (19.7 in.) |
| • <b>DIMENSIONS WEIGHING UNIT:</b><br>20 cm (7.9 in.) × 45 cm (17.7 in.) |  |

## ADVANTAGES

### ACCURATE

Adds flux to the desired weight within 1 mg accuracy.

### EFFICIENT

Automates weighing task, avoiding repetitive strain. Low energy consumption with high-throughput. Dispenses flux in approximately one minute.

### VERSATILE

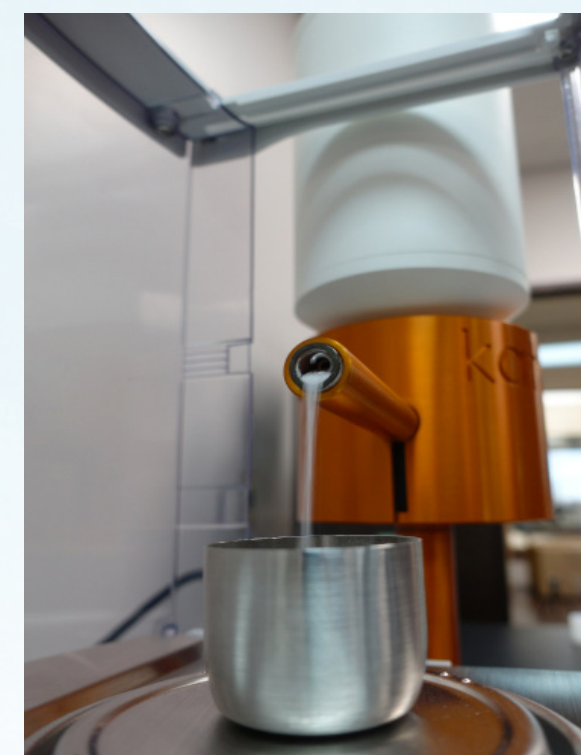
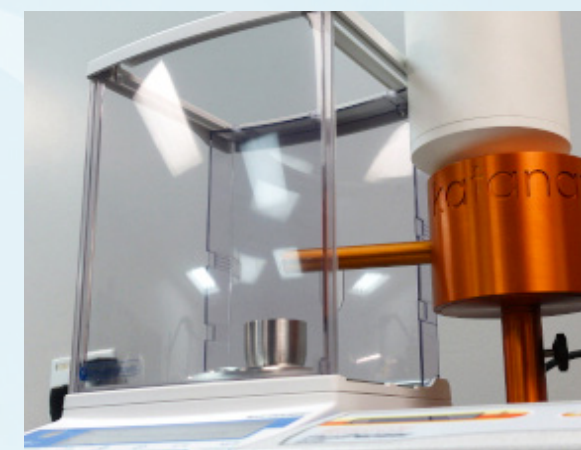
Silo can be used to facilitate flux reloading or flux bottle can be inserted directly into the FluxPenser to minimize contamination and exposure to moisture.

### CONNECTABLE

Communicates with most x-ray software, only requiring the user to select the pre-registered model and suitable interface with analytical scale. LIMS compatible.

### SIMPLE & ROBUST

Simple set-up and low maintenance. Robust construction with no soft tubing.





## METHOD DEVELOPMENT PROGRAM

Our method development program allows you to send your samples to us and our application chemists will develop a fusion protocol for you. Contact your local Katanax representative for more information.



### FUSION FLUX

Superior pre-fused. Available with or without integrated non-wetting agents (LiBr or LiI).



### PLATINUMWARE

Platinum crucibles and molds are available in standard or reinforced varieties.

## SERVICE & MAINTENANCE

Our products are designed to be operated with limited maintenance. Servicing these units is made simple with easy component access, backed up with support from our dedicated service team.

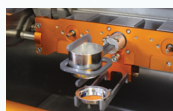


### Katanax X-300 X-FLUXER®



WATCH THE VIDEO,  
scan the QR code.

This automated, heavy-duty, electric fusion machine allows you to run up to three samples simultaneously. The X-300 can be pre-configured to your needs and allows the user to expand the unit to two or three positions. Used to prepare glass disks (beads) for XRF, solutions for ICP/AA and peroxide or pyrosulfate fusions. It combines speed, simplicity and a robust design ideal for the experienced or novice user.



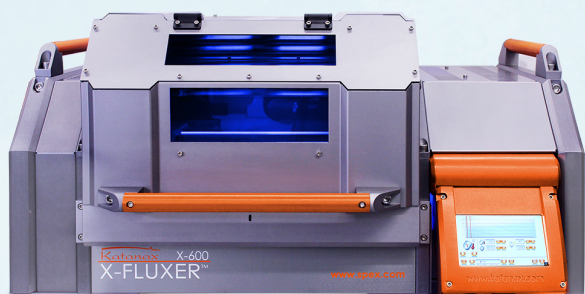
1 POSITION



2 POSITION



3 POSITION



### Katanax X-600 X-FLUXER®



WATCH THE VIDEO,  
scan the QR code.

Built with the most demanding lab in mind, the Katanax X-600 Fluxer is the next generation in electric fusion offering new enhanced features for unparalleled results. It is used to prepare glass disks (beads) for XRF analysis and solutions for ICP/AA analysis or for preparing peroxide and pyrosulfate fusions. This unit allows you to run up to six samples simultaneously.

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