Katanax® XFP-01 FLUXPENSER®

Lithium Borates
fused, anhydrous

Grade:

Composition:

Cat.#: FFB-0000-02   Batch#: 60053

1 kg

SPEX CertiPrep®   SPEX SamplePrep®

FluxPenser
XFP-01

SPEX® SamplePrep P®

The FluxPenser®
is an automatic
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:

- High accuracy flux dosing and weighing.
- Automatic calculation of 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

- **VOLTAGE:** 110-220 VAC single phase
- **MAXIMUM POWER:** 6 Watts
- **FREQUENCY:** 50-60 Hz
- **DIMENSIONS CABINET:** 19.5 cm (7.7 in.) × 12 cm (4.7 in.) × 5 cm (1.7 in.)

- **DIMENSIONS CYLINDER HEAD:** 21 cm (8.2 in.) × 14 cm (5.5 in.)
- **FOOTPRINT:** 50 cm (19.7 in.) × 50 cm (19.7 in.) × 50 cm (19.7 in.)

ADVANTAGES

ACCURATE
Adds flux to the desired weight, for any value between 0.0100 g and 999.99 g within 1 mg accuracy.

EFFICIENT
Automates repetitive task avoiding repetitive strain. Low energy consumption with high-throughput. Dispenses flux in seconds.

RELIABLE
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.
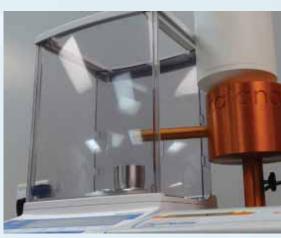
CONNECTABLE
Communicates with any x-ray software, only requiring the user to select the pre-registered model and suitable interface with analytical the scale. LIMS compatible.
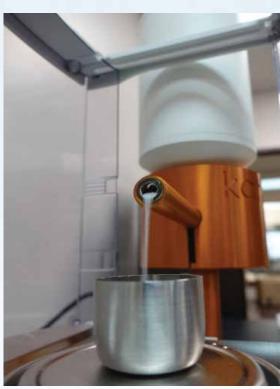
SIMPLE & ROBUST
Simple set up. Robust construction with no soft tubing requiring low maintenance.

EXTREMELY PRECISE • EXCELLENT REPRODUCIBILITY • ZERO TOUCH OPERATION • NO CONTACT BETWEEN USER & FLUX

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.

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.