Flux Mixer

LT-M0256 | Mechanised mixing of mineral samples and flux powder

Multiple sample preparation • Flexible pot arrangements • Standalone or integrated use



25 units

SAMPLE CAPACITY

220 V

50 Hz / SINGLE-PHASE SUPPLY

Pre-fusion mixing • Compatible with Liya Test Flux Dispenser systems

LT-M0256

Photographs and Components

Front loading door, housing, control panel and emergency stop

The LT-M0256 mixes mineral samples with flux powder before fire assay. Mechanised operation reduces repetitive manual mixing and supports organised preparation of multiple samples.

LOADING DOOR

The front door and handle provide access to the mixing compartment.

MACHINE HOUSING

The enclosed housing surrounds the sample preparation compartment.



CONTROL PANEL

Displays and operating controls are grouped on the right side.

EMERGENCY STOP

The red mushroom button is positioned on the control panel.



Front door and loading handle



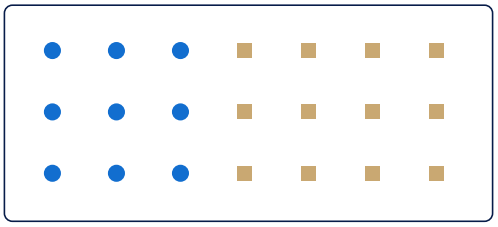
Displays, operating controls and emergency stop

LT-M0256

Mixing Mineral Samples with Flux

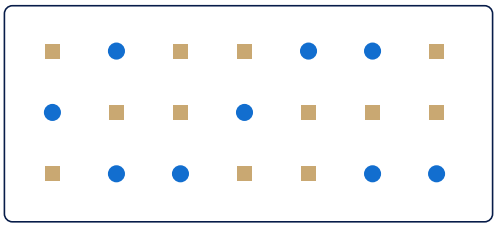
Mineral sample + flux • Mechanised mixing • Pre-fusion preparation

BEFORE MIXING





AFTER MIXING



Mineral sample Flux powder

Sample and Flux

Prepare sample and flux quantities according to the selected fire assay method.

Mechanised Mixing

The machine performs repeated mixing movements mechanically.

Next Stage

The mixed sample proceeds through the laboratory pre-fusion preparation workflow.

The mixture diagram illustrates sample and flux distribution within a pot. Record pot arrangement, sample quantity and mixing conditions throughout each batch to support consistent preparation.

Multiple Sample Organisation

The 25-unit capacity allows samples to be planned as a preparation batch. Match pots to sample identifiers and preserve the same order and labelling after mixing.

Use with a Flux Dispenser

The mixer can operate independently or together with a Liya Test Flux Dispenser. Organising dosing and mixing as consecutive steps supports preparation of larger sample batches.

LT-M0256

Technical Data and Preparation Workflow

LT-M0256 • Capacity, pot compatibility and power supply

Technical Specification	Value
Product Code	LT-M0256
Product Name	Flux Mixer
Sample Capacity	25 units
Materials Mixed	Mineral sample and flux powder
Main Application	Fire assay / pre-fusion preparation
Process Type	Mechanised mixing
Pot Compatibility	Different pot sizes and configurations
Operating Arrangement	Standalone or with a Flux Dispenser
Power Supply	220 V, 50 Hz, single phase

Pot Arrangement and Sample Identification

Match the pot selection to the existing fire assay preparation setup. Preserve sample identification and flux quantity records from mixing through fusion preparation.

Sample Preparation Workflow

01
Prepare
Prepare sample and method flux.

02
Load
Place labelled pots in the working area.

03
Mix
Run mixing using the door and controls.

04
Proceed
Transfer the mixture to fusion preparation.

Product Page | liyatest.com.tr/en/urun/flux-mixer/