



Select a world class fluxer



Prepares :

- Glass disks for XRF
- Solutions for AA and ICP analysis

Processes :

- Oxides
- Cement, ceramic, slag, glass, silica, carbonates
- Mining and geological samples
- Sulfides
- Bauxites
- Catalysts
- Ferroalloys

Distinguishing features :

- Uses propane or LP gases only
- Economically priced



The First and Finest in Fusion



Instrument specifications

Electrical:	100, 115, 230 VAC; 100W; 50/60 Hz
Gas:	Propane or any other liquid petroleum gas (LPG) only Input pressure: 9 ± 1 PSI = 62 ± 7 kPa Number of burners: 3 Maximum gas consumption (propane): $30 \text{ ft}^3/\text{h} = 15 \text{ l/min}$ Maximum heat dissipation (propane): $75,000 \text{ Btu/h} = 22 \text{ kW/h}$
Dimensions:	45 x 52 x 41 cm
Weight:	50 lb. = 23 kg

Instrument benefits

SUPERIOR ANALYTICAL ACCURACY

<ul style="list-style-type: none"> • The crucibles rotate while inclined 	<ul style="list-style-type: none"> Efficient agitation and superior homogenization of the melt in less time.
<ul style="list-style-type: none"> • Consistent flame and temperature control (100 heating levels) • No temperature booster required 	<ul style="list-style-type: none"> Uniform heating for reproducible results. Retention of volatile elements. High-performance at high altitudes.
<ul style="list-style-type: none"> • All fusion parameters can be modified: gas flow, mixing speed and amplitude, function duration, crucible angle & air flow cooling 	<ul style="list-style-type: none"> Increased flexibility. Efficient development and optimization of fusion techniques.

USER-FRIENDLY

<ul style="list-style-type: none"> • Ten independent and user-customizable fusion programs available 	<ul style="list-style-type: none"> Assistance with method development.
<ul style="list-style-type: none"> • Elegant design 	<ul style="list-style-type: none"> Easy loading of crucibles, molds and beakers. Allows the use of molds from 30 mm to 40 mm in diameter.
<ul style="list-style-type: none"> • Fully automatic 	<ul style="list-style-type: none"> Operates free of supervision.

ECONOMICAL

<ul style="list-style-type: none"> • Easy installation • Uses propane or LP gases only • Prepares 3 samples at a time • One-burner-per-sample design • Individual burner selection • No compressed air or oxygen required 	<ul style="list-style-type: none"> Low energy consumption. Low operation costs.
<ul style="list-style-type: none"> • Allows fusion of a wide array of samples • Prepares glass disks and solutions with one instrument 	<ul style="list-style-type: none"> Versatile
<ul style="list-style-type: none"> • Reliable • Compact design 	<ul style="list-style-type: none"> Low maintenance and repair costs. Takes up less space in the laboratory.



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Look to Claisse for:

- further information on Claisse fluxes
- worldwide sales addresses
- free flux samples
- free consultation on sample preparation techniques

Please call or write

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