



*Think! Utility free, reliability,
performance and cost of ownership*



PREPARES:

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

PROCESSES:

- Oxides
- Cement, Lime, Carbonates, Ceramics, Glass, Slag
- Mining, Geological, Silica, Silicates, Clay, Ores
- Sulfides, Fluorides
- Bauxites, Alumina
- Catalysts, Polymers, Pigments
- Pure metals, Ferroalloys, Non-Ferrous alloys
- Pharmaceutical samples

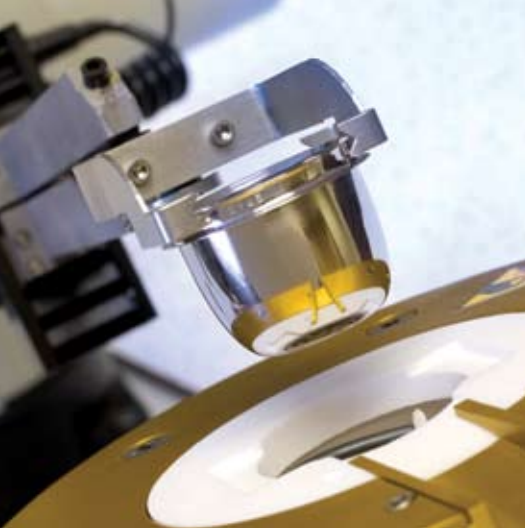
DISTINGUISHING FEATURES:

- Plug and play instrument
- Precise control of low and high fusion temperatures
- No water cooling, No compressed air operation system
- Low maintenance costs
- Easy to service
- High temperature capability (1200° C)
- Highest performance, even on difficult samples



The First and Finest in Fusion





INSTRUMENT SPECIFICATIONS

Electrical:	208/240 VAC; 50/60 Hz
Dimensions:	Approx. 48 x 56 x 56 cm (19"x22"x22")
Weight:	Approx. 56 kg (125 lb.)

INSTRUMENT BENEFITS

High precision

Crucible is rotated while inclined

► Efficient agitation and superior homogenization of the melt, in less time

Powerful
High temperature capability
(1200° C)

► Allows fusion of high refractory materials
Prepares glass disks from 30 mm to 40 mm in diameter

Accurate and precise control of high and low fusion temperatures

► Retention of volatile elements
Superior reproducibility of the analysis
Efficient oxidation for reduced elements
Highest performance, even on difficult samples

No cover for crucibles and molds

► No contamination during the fusion process

All the fusion parameters can be modified: temperature, mixing speed and amplitude, function times, cooling air flow

► Flexible
Efficient development and optimization of fusion techniques

User-friendly

Graphic interface - Keypad operation
10 independent pre-loaded programs

► Create, store and recalls methods, notes and detailed sample information

Can be operated by a computer
Easy to use software
Internet and local network link

► Remote access for programming and monitoring
Unlimited number of programs
Robotics ready

Fully automatic one button operation

► Operates without supervision

Elegant design
Clip-on/Clip-off crucible heating element

► Easy loading of crucibles, molds and beakers
Easy switch from disks to solutions

Low cost of ownership

Very competitive price
Built sturdy & Reliable
Low maintenance
Easy to service

► Low initial cost
Economical

No water cooling system required
No compressed air required for operation
Compatible with all low tension electrical systems

► Utility free
Low cost of operation

Bench top size

► Takes up less space in the laboratory



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Look to Claisse for:

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

Please call or write the fusion experts:

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