

■ PHOENIX - S

Automatic Fusion Machine

- † Fused beads for XRF
- † Solutions for AA and ICP



No matter what your requirement, this instrument is everything from a great introduction unit. All you need to know is:

Simple = Single = Sample = Solutions

All the capabilities of the larger production instruments including clear and precise time setting using touch button control. No special programming techniques required with straight forward instructions prompting the operator as required. Each program can be readily loaded with the touch of a button.



- Exceptional reliability and full factory service support
- Automated & Reproducible sample preparation
- High speed bead/solution production
- Individual burners for crucible and mould
- Precise temperature regulation
- Superior homogenization
- Rugged & durable
- Perfect control of the cooling process



For continuous production and performance, whether you are a commercial laboratory, quality control laboratory or a research / educational institution, the PHOENIX/VFD series will provide the quality and quantity first time-every time.

Complies with the requirements of AS/NZS/ISO 9001:2000

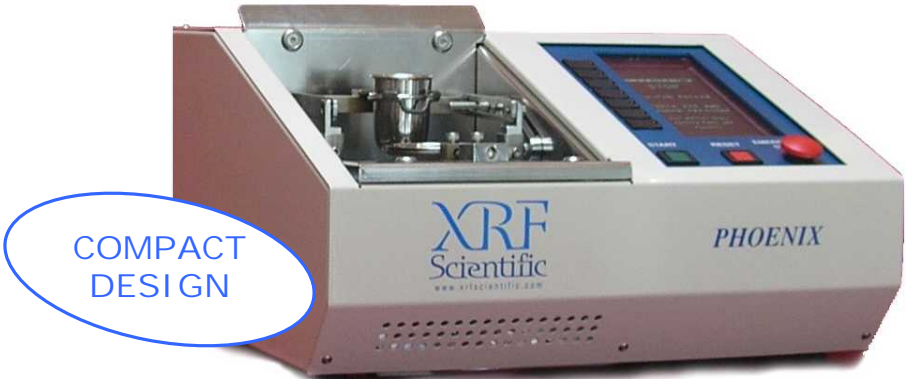
Flexible programming

Up to 6 user-customizable fusion programs can be stored in the microprocessor, each involving up to 3 different steps: fusion, fusion with swirling, casting and cooling.

Flexible fusion parameters

All fusion parameters can be easily modified by the operator:

- Melting temperature and time
- Swirling/mixing speed and frequency
- Mould (casting dish) pre-heating temperature and time
- Pause before casting
- Casting angle, speed and time
- Cooling delay
- Cooling time and air flow rate



Technical specifications

Size:

Height=200mm - Depth=290mm - Length=350mm

Supply to machine:

Voltage:	110 or 240 VAC 50/60 Hz
Power:	120 Watts
Gas pressure:	
Propane:	3kPa
Natural:	5kPa
Air supply:	350 kPa minimum
Oxygen:	350 kPa minimum

For more information about fusion technique or application, please do not hesitate to contact us.