

Fusion Maestro

Productivity, efficiency, security...



Fernand CLAISSE inc.
2270, Léon-Harmel, suite 165,
Quebec City (Quebec) CANADA G1N 4L2

Phone number : (418) 527-7889
1 866 454-7889 for Canada and U.S.A.
E-mail : support@fernandclaisse.com

INSTRUMENT FEATURES

Possible overlap of fusions	NEW	Allows fusing new samples while precedent beads are cooling
Automatic ignition / flame detectors		For security
Easy crucible loading	NEW	Crucibles are held from behind
Wall between crucibles	NEW	Avoids heat transfer between crucibles, increases accuracy
Rotation about inclined crucible axis		Efficient agitation
Injection of air into crucibles	NEW	For oxidizing atmosphere, when needed
Input gas pressure 1 PSI	NEW	For maximal security
Tapered moulds (60°)	NEW	Easier ejection of fusion beads
Automatic ejection of beads	NEW	Less handling
Three types of fusion		Beads, solutions, chemical
Instrument operation using a PLC and HMI	NEW	Simpler to operate and program. Replace computer.
Pre-defined fusion programs		Three pre-defined programs for each type of fusion
Personalized fusion programs easily defined by the user		Up to 7 personalized programs can be defined for each type of fusion
Touch-screen interface available in most languages	NEW	English, others on request

ECONOMICAL ADVANTAGES

Price definitely advantageous	High quality instrument ***
High throughput	Up to 24 fusions/hour
Elegant stainless steel casing	Long lasting, easy to keep clean

TECHNICAL SPECIFICATIONS

ELECTRICAL : 110, 115 and 230 VAC
50/60 Hz
600 Watts

GAS : propane or LPG gas
3 burners
burner maximum pressure : 1PSI (6.9 kPa)
maximum gas consumption : 34 ft³/min (16 l /min)
maximum heat dissipation : 85 000 BTU/hr (24.9 kW)

DIMENSIONS : 70W x 36H x 43D cm

WEIGHT : 45 Kg

*** All electrical and gas parts will be CSA approval
Certification in instance

