

BETA

 MEDIUM FREQUENCY INDUCTION MELTER



**BETA 5
BETA 10
BETA 12**



**BETA 2
BETA 3**

ADVANTAGES

- Silent working
- High-performing medium frequency induction generators
- Stainless steel frame
- Perfect homogeneity of the alloys thanks to our **Pulse Mixing System**
- Quick melting
- Easy control of the working parameters by **PLC** and **touch screen** video, temperature control by thermocouple, optional by optical detector
- Monitor display for self-diagnosing and possible alarms with buzzer
- Possibility to record the working recipes and parameters
- Programmed maintenance with display warning
- Protective gas injector to prevent metal oxidation
- Graphite crucible with ceramic casing
- Tongs to handle the extractable crucible

All the **G.B. F.LLI BERTONCELLO** models of electronic melters, mod. **BETA** static, mod. **IDEAL** with tilting crucible, mod. **MINI** - mod. **DELTA** - mod. **LARRY** with vertical continuous casting, mod. **LOGIC** with horizontal continuous casting, have been designed by our engineers to achieve the best metallurgical quality on precious metal alloys melting process, with optional 1400°C melting temperature as required by some special alloys.



G.B. F.LLI BERTONCELLO S.R.L.

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MODEL	BETA 2	BETA 3	BETA 5	BETA 10	BETA 12
CRUCIBLE HEATING POWER	3,5 kW	4,5 kW	5,5 kW	10 kW	12 kW
CAPACITY OF GRAPHITE CRUCIBLE WITH CERAMIC CASING	125 cm ³	205 cm ³	380 cm ³	800 cm ³	980 cm ³
	2,5 Kg - Au/999 2 Kg - Au/750 1,3 Kg - Ag/925	4 Kg - Au/999 3 Kg - Au/750 2 Kg - Ag/925	6 Kg - Au/999 4,7 Kg - Au/750 3,2 Kg - Ag/925	12 Kg - Au/999 10 Kg - Au/750 6,4 Kg - Ag/925	14 Kg - Au/999 11,1 Kg - Au/750 7,5 Kg - Ag/925
MAXIMUM TEMPERATURE	1300°C	1300°C	1300°C	1300°C	1300°C
ON REQUEST, MAXIMUM TEMPERATURE	1400°C	1400°C	1400°C	1400°C	1400°C
NUMBER OF RECORDABLE PROGRAMS	10 – 15	10 – 15	10 – 15	10 – 15	10 – 15
FEEDING VOLTAGE	230 V 50/60 Hz 1 ph	230/400 V 50/60 Hz 3 ph	230/400 V 50/60 Hz 3 ph	230/400 V 50/60 Hz 3 ph	230/400 V 50/60 Hz 3 ph
FURNACE DIMENSIONS	45x55x29 h cm	45x55x29 h cm	51x51x88 h cm	51x51x88 h cm	51x51x88 h cm
FURNACE WEIGHT	35 Kg	37 Kg	95 Kg	110 Kg	120 Kg
ON REQUEST, SILICON CARBIDE CRUCIBLE WITH CERAMIC CASING	✓	✓	✓	✓	✓

All datas are not binding and may be changed in every moment by **G.B. F.LLI BERTONCELLO SRL** without notice to improve the product



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