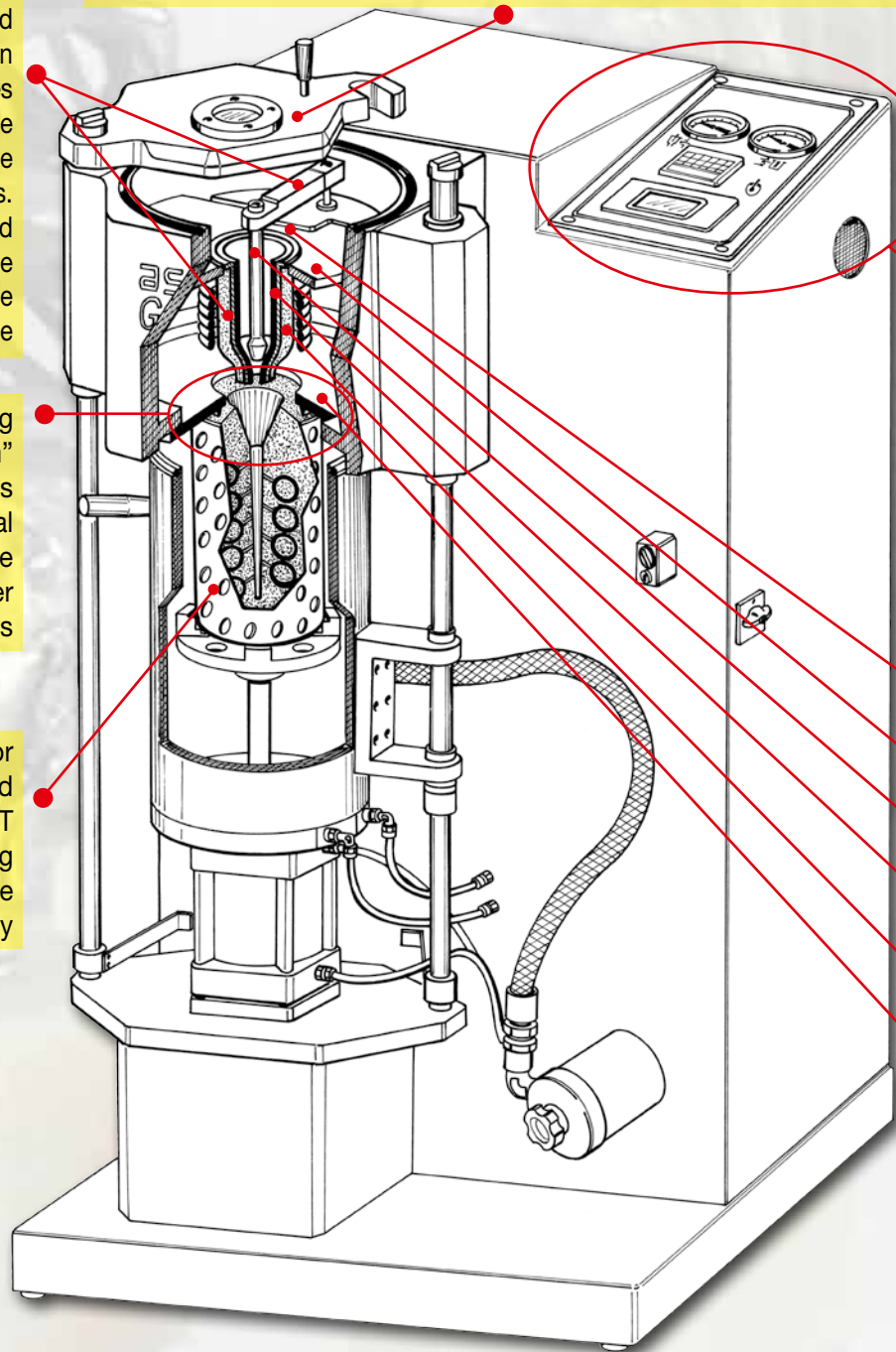


Redesigned metal rod (plunger) holder enables rod changeover in seconds and does not involve expendable components. Redesigned smooth discharge pure graphite crucible

A very important advantage of the G series is the sliding crucible chamber cover, which is easily opened and closed with gentle hand pressure. Other machines have tilting covers which have to be lifted for every single cast; this rapidly provides operator fatigue.

"Sealing Blade System" (SBS) guarantees perfect flask seal without the use of silicone rubber gaskets

Perforated or unperforated flasks WITHOUT FLANGE enabling greater furnace flask capacity



User-friendly touch screen automatically controls all functions

CONSUMABLES:

- CRUCIBLE HOLDING PLATE
- METAL CONVEYOR
- STOPPER
- GRAPHITE CRUCIBLE
- CERAMIC CONTAINER
- CERAMIC INSULATING DISK

"G" SERIES VACUM "OVER PRESSURE" CASTING MACHINES

The Galloni "G" range casting machines are the latest and most technically advanced induction heated vacuum "over pressure" machines currently available worldwide, featuring low frequency generators and fully proportional computer-controlled power output.

The operator has simply to charge the crucible, place the casting flask in position and press one button! The **G SERIES** are equipped with a 5.7" (128 mm) TFT colour touch-screen.

All machines lead the operator logically step-by-step through the casting sequence, irrespective of the type and quantity of the alloy. Frequency and power output are automatically and continuously adjusted and, just ahead of attaining the preset casting temperature, the computerized control starts modulation of the heating current by delivering low frequency impulses, thus inductively stirring the melt. Then, when all parameters are achieved and the temperature "spread" is no more that 4°C either side of the set point, pouring starts automatically followed by strong pressurization of the molten metal by inert gas. The complete cycle can be performed in minutes and crucible lasts for hundreds of casting it properly used.



WATER REFRIGERATOR

The use of water for industrial cooling purposes becomes more and more difficult each day and it becomes impossible when water is not available.

The main advantages of water refrigerator are:

- complete elimination of water consumption
- permanent cleanliness of circulating water



GRAINING UNIT

Fitted on the left bar produces high quality casting grain in gold and silver alloys under vacuum. Comes with stainless steel basket grain recover and graphite crucible.

TECHNICAL SPECIFICATIONS FOR "G" ULTIMATE SERIES

COOLING WATER: G1 ULTIMATE, G3 ULTIMATE, G5: 3 lt./min. - G10: 12 lt./min.
 COMPRESSED AIR SUPPLY: 6-7 bar
 INERT GAS SUPPLY: multiple gas: Helium, Argon, Nitrogen
 GUARANTEE: 12 months

G1 ULTIMATE

MAX. CRUCIBLE CAPACITY: 240 cc (1400 gr Au 18 kt, 1200 gr Ag 925)
 FLANGELESS FLASK: max. mm 150 diam. x 250 h max.
 EXTERNAL VACUUM PUMP: 60 m3/h
 ELECTRICAL: Threephase 230 V - 50/60 Hz - 6 kW (separated transformer for tension 400/415 base mm 650 x 600 x 1200 h - kg 210)

G3 ULTIMATE

MAX. CRUCIBLE CAPACITY: 240 cc (2200 gr Au 18 kt, 2000 gr Ag 925)
 FLANGELESS FLASK: max. mm 150 diam. x 300 h max.
 EXTERNAL VACUUM PUMP: 60 m3/h
 ELECTRICAL: Threephase 230 V - 50/60 Hz - 10 kW (separated transformer for tension 400/415 base mm 650 x 600 x 1200 h - kg 222)

G5

MAX. CRUCIBLE CAPACITY: 470 cc (5000 gr Au 18 kt, 4400 gr Ag 925)
 FLANGELESS FLASK: *larger crucible 1000 cc available for bronze, brass, aluminium max. 200 mm diam. x 400 mm h max.
 EXTERNAL VACUUM PUMP: 60 m3/h
 ELECTRICAL: Threephase 230/400/415 V - 50/60 Hz - 10 kW
 OVERALL DIMENSIONS AND WEIGHT: base mm 780 x 750 x 1300 h - kg 375

G10

MAX. CRUCIBLE CAPACITY: 11000 cc - 30 kg Aluminium
 FLANGELESS FLASK: max. mm 600 diam. x 750 h max.
 EXTERNAL VACUUM PUMP: 100 m3/h
 ELECTRICAL: Threephase 400 V - 50/60 Hz - 40 kW
 OVERALL DIMENSIONS AND WEIGHT: base mm 1350 x 1200 x 2150 h - kg 1450

The machine is standard equipped with a flask holder for 100 mm diameter flask - Different diameters on request.

IN COMPLIANCE WITH CE REGULATIONS
 we reserve the right to modify technical specifications without notice

ASEG GALLONI SPA

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Since 1957
The technology in the
investment casting

G ULTIMATE series



GALLONI...there's no better way to cast!



Made in Italy