

HAG-HF

Technical data

Colour: silver anodized/ white/ blue

Dimensions L X W X H

Overall dimensions of machine: 1,400 x 960 x 1,992 mm

Machine floor area: 1,060 x 1,500 mm

Weight

Machine: 850 kg

Precision scale

Weighing range: 120 g

Precision: 0.1 mg

Power supply and consumption

Voltage: 3x 400 V, 50 Hz

Neutral conductor: Not required

Po consumption: 10 kVA

Fusion temperature: 385 – 1,300°C

Compressed air supply and consumption

Pressure setting: 6 bar

Consumption: Approx. 400 NL per sample

Water supply and consumption

Min. drinking water quality: Min 2 bar, max. 10 bar

Consumption: Approx. 0.5 l per sample

Disposal connections

Waste water: DN 25 mm

Waste air connection: DN 125 mm

Required exhaust rate: 7m³/min

Static pressure: 370 Pa

Electrical switchgear cabinet

PLC system:	SIMATIC S7
Control voltage:	24V DC
Ingress Protection:	IP 44
Insulation class:	B

Sample insertion and discharge

- Manual, in a special cup in a defined start position
- Discharge via vacuum suction device to a defined position with the analysis surface facing downwards

Optionen

- 2nd fusion unit
- Cooling device for cooling fluid
- 2nd dosing device
- Scale for prepared fused beads
- Ultrasound cleaning device
- Temperature monitoring for casting dishes
- Crucible and casting dish magazine
- Linear magazine for 36 fused heads

The design of the machine complies with the applicable accident prevention and VDE regulations.

We reserve the right to make technical modifications.