

MAM-1 Glovebox Version



Description

For oxygen-sensitive samples to be handled and alloyed in inert gas atmosphere

- Melting chamber and movable electrode inside of glovebox
 - Generator, vacuum pump and operating panel at the outside
 - Designed for melting samples of approx. 5-20 g up to 3500°C, sufficient for most laboratory purposes
 - Small melting chamber ensures fast evacuation and low gas consumption
 - Freely movable, water-cooled electrode
 - Dismountable, water-cooled copper crucible plate with trough-shaped moulds
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- Crucible plates with customized moulds on request
- Reliable, contactless ignition of the arc
- Powerful arc melting generator, in a separate housing
- Pressure manometer and valves for evacuation and gas inlet into the arc melting chamber
- Small roughing pump or turbomolecular pumping system (stand-alone unit) for evacuation of the melting chamber
- Safety functions:
Protection against overtemperature, eye protection.
- Connection : 230 V / 50/60 Hz / 1-phase

Details

Quantity:	5 - 20 g per charge
Temperature:	up to 3500°C, depending on quantity
Generator:	outside of glovebox
Connection:	230 V / 50/60 Hz (different voltage on request)
Crucible plate:	standard crucible plate or customized crucible plates
Options:	Special cold crucible (suction casting), Vacuum pump, Turbomolecular pumping system HVT52/G, High vacuum gauge, Water flow control, Recirculating chiller



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.