

Compact Arc Melter MAM-1



Description

- 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
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- Freely movable, water-cooled electrode
- Dismountable, water-cooled copper crucible plate with trough-shaped moulds
- Crucible plates with customized moulds on request
- Reliable, contactless ignition of the arc
- Powerful arc melting generator, integrated in the housing
- Pressure manometer and valves for evacuation and gas inlet into the arc melting chamber
- Small roughing pump (can be built in) or turbomolecular pumping system (stand-alone unit) for evacuation of the melting chamber
- Safety functions:
Protection against over-temperature,
eye protection
- Dimensions: (w x d x h): 430 x 650 x 750 mm
- Connection : 230 V / 50/60 Hz / 1-phase

Details

Quantity: 5 - 20 g per charge

Temperature: up to 3500°C, depending on quantity

Generator: built in

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.

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