

RMF 10 – 2 / 5 / 10 / 20 with Control RSI 20

**Medium Frequency Inverter Welding Generators 10 kHz
for Micro Component and Delicate Parts Welding**

A new generation of inverter welding generators especially developed for the welding of delicate parts and micro components. Also suited for larger welding tasks in the upper power range.

Rapid current rise due to a inverter frequency of 10 kHz. Advanced control technology with short monitoring and reaction time.

Large range of selectable control parameters and regulating modes.

The RMF 10 units may be adapted by a very large extent to your welding tasks and requirements.

The control system may be used to measure and record the current and the path length, and also for its external analysis .

Data transmission by way of SD cards or the Ethernet.



Characteristic Features

- Newest generation of 10 kHz inverter welding units
- Power class 0.2 - 2 kA; 0.5 - 5 kA, 1 – 10 kA and 2 - 20 kA
- Compact unit with integrated or separate transformer (RMF 10-20).
- Transformer as option for all power classes, to be placed next to the welding location
- Small and light-weight MF welding transformers, excellently suited for robotics applications as well
- Water-cooled inverter and transformer
- Logic operation with various stages of comfort
- Control and operating features are adapted to the requirements at works or on site
- Inputs and outputs for external control
- Various options available, such as control of 2 magnetic valves
- Control unit RSI 20 with current and path measurement; storage capability up to 100'000 welds, current, depth of penetration, job specifications and curve progression to be evaluated on an external computer
- Dimensions: L x W x H 620 x 330 x 330 mm
Weight RMF 10-2..10: 28 – 32 kg, depending on transformer
Weight RMF 10 with separate transformer: 24 kg
- Dimensions of separate transformer case:
L x W x H 460 x 250 x 170 mm
Weight 15 kg
- Option: monitor screen in separate case