Data sheet

valid from: 7/15/26



MSA 2.0 Automatic Electrofusion Unit

The MSA 2.0 automatic electro fusion unit combines light weight and high efficiency, thanks to its inverter technology. The unit is extremely fast and simple, with three basic operations required to operator: connect, scan, start the fusion.
The MSA 2.0 can keep up to 350 protocols permanently stored in the internal memory.
Robust, safe, and ergonomic, it is designed for reliable use in demanding conditions.
Every feature is focused on simplifying the operator's work, including a long-range barcode scanner, a cooling system that enables consecutive jointing, and an intuitive icon-based interface that ensures clear interaction between the user and the machine.
The entire welding process is continuously monitored and regulated, with automatic energy output compensation according to ambient temperature and clear indication of cooling times.
Scope of delivery includes: transport box, 4.0 mm angle adapters, START/STOP badge and operating instructions.

Technical Data:

- Operating temperature: -20°C to +50°C
- Mains voltage and frequency: 230V (190V - 265V), 50-60Hz
- Fusion current: 90 A (max)
- Suggested power generators: 3.5 kVA
- Fusion voltage: 8-42 V (48 V)
- Fusion data input mode: bar code, manual
- USB Port: Type A
- Protection factor: Class 1 / IP 65
- Mains cable: 4 m / Fusion cable: 3 m
- Dimensions: 280 x 480 x 220 mm
- Weight: ca. 11.9 kg
- Display: Graphical LCD, adjustable contrast
- Independent from languages

Description	Code	Weight (kg)
Barcode scanner, transport case	**790 156 001**	11.900
Barcode scanner, transport case, Swiss plug	**790 156 004**	11.900

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

Georg Fischer Piping Systems Ltd, Postfach, CH-8201 Schaffhausen/Switzerland Phone +41 -(0)52-631 1111 e-mail: info.ps@georgfischer.com Internet: http://www.gfps.com