

Electrofusion Unit MSA 2 CF @ 115V

First in class

The MSA 2 CF automatic electrofusion unit combines light weight, high efficiency and flexibility. It welds all our COOL-FIT 4.0 , COOL-FIT 2.0 and large part of ELGEF Plus fittings in a safe and reliable way.



Comfortable, anti-shock plastic handle with hooks to quickly wrap the cables

Intuitive graphical display

Sticker for material selection always in front of the user

Fast USB port for software updates and protocols export

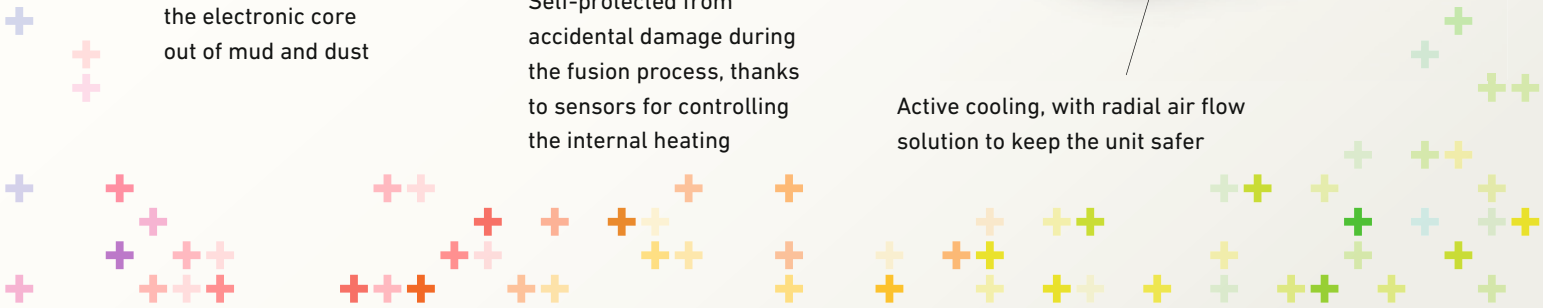
Long lasting and easy-to-operate keypad, ISO12176-2 compliant

Sturdy aluminum die-cast housing to protect the unit against dust, splash and spray water

Plastic feet to keep the electronic core out of mud and dust

Self-protected from accidental damage during the fusion process, thanks to sensors for controlling the internal heating

Active cooling, with radial air flow solution to keep the unit safer



MSA 2 CF @ 115V

All is meant to simplify the job: the barcode scanner for long distance reading, the cooling system to joint in series, the icons look and feel to keep the interaction between user and machine very intuitive. The installer has just to connect the leads to the fitting, scan the fusion parameters and leave the control to the machine.

Technical specifications	MSA 2 CF
Operating conditions	
Working temperature range	min. -20°C, max +50°C min. -4°F, max +115°F
Electrical data	
Input voltage range	90 -135 V
Frequency range	50 - 60
Current consumption (Max, A)	32 A
Output voltage	8 - 42 V
Output current (max)	90 A
Input power (KW)	3.2 kW
Type of protection	IP65
Unit fuse	32A slow blow
Data and operation control	
Data recording capacity (N. of protocols)	1000
Communication port	USB Type A
Buttons	5+Start+Stop
Display	graphical LCD
Acoustic alert	✓
Remote START/STOP	✓
Data management	
Barcode scanner	✓
Manual fusion input	✓
Documentation of fusion	PDF, BIN

Mechanical data	
Dimensions	280x480x220 mm
Weight	12.5 Kg / 27 lbs
Case material	Aluminum
Mains cable length	4 m
Fusion cable length	4 m
Mains plug	NEMA 32A
Connectors	4 mm
Adapters (90°)	4.0 mm
COOL-FIT fitting adapters	4.0mm extralong

Norms compliance	
EMC (EN61000)	✓
Safety (EN60335)	✓
ISO12176-2/3	✓

Versions	
MSA 2 CF	790156023

Intuitive

The unit is intuitive thanks to its user interface based on icons and international signs. The large graphical display provides an excellent visibility from far: the relevant information are in big characters and the required steps are always shown to the operator to minimize mistakes.



Comfortable

The superior barcode reader, with green spot confirmation and acoustic tones, improves further the communication with the operator, who can additionally use the START/STOP badge to remotely command the unit, without moving forth and back.

Detailed

The machine records fusion data automatically to an internal memory. Fusion data can be browsed or easily included in a digital archive on PC, thanks to the WeldinOne. This application can create welding books in PDF, in a local language, combining protocols belonging to many electrofusion units and pictures taken during the pipe preparation process.

