

# MSA 250SE



## Electrofusion Unit

- Network and generator compatible
- Joins all George Fischer Sloane electrofusion polypropylene products

# MSA 250SE Fusion Unit Offers:

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- Barcode Operation
- Multiple Joint Capability
- Advanced Transformer Technology
- Network and Generator Capability

The MSA 250SE represents the most advanced fusion technology in the industry.

## Applications

The MSA 250SE can be used to join the following piping systems:

Fuseal, Fuseal Squared, Fuseal 25/50 PVDF, and PPro-Seal.

The unit has the capability to run on either network and generator power sources.

Operates on 110V/60Hz power source.



## Fusion Barcodes

All required fusion parameters are programmed into the MSA 250SE by simply scanning a barcode specific to each fitting.

(Barcodes also provide the capability to perform program updates for new products in the field.)

- Lightweight
- Barcode programming
- Updates performed in the field

## Multiple Joint Capability

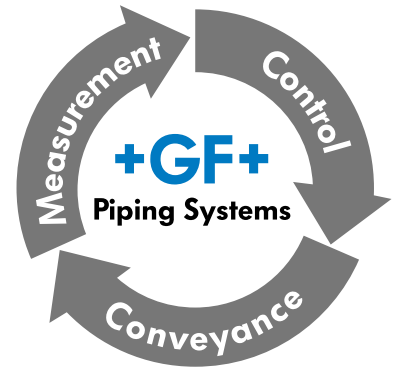
The MSA 250SE has the time and labor saving features of multiple joint fusion. Multiple joint capability significantly reduces installation time requirements and contributes directly to your bottom line.

Size	Fuseal	PPro-Seal	Fuseal 25/50 PVDF
1/2"	n/a	4	n/a
3/4"	n/a	5	n/a
1"	n/a	5	n/a
1-1/2"	4	5	4
2"	4	5	4
3"	4	n/a	4
4"	5	n/a	4
6"	5	n/a	n/a
8" – 12"	2	n/a	n/a

## Specification for the MSA 250SE

<b>Part number</b>	<b>MSA 250SE</b>
Input Voltage	90-130 VAC Nominal Voltage: 110 V / Generator: 110-120 VAC Nominal Voltage
Input Current	15 Amps
Output Voltage	0 to 45 VAC
Output Current	0 to 30 Amps
Power Consumption	max. 1200 W nominal output
Generator Output Performance	2 KVA Sinusoidal (unipolar operation) depending on the fitting diameter
Back-up Fuse	10-16 AT depending on the fitting size
Fusion Voltage	3,7 -32 VAC galvanically separated
Protection Type	Protection class 1/IP 65
Operating Temperature	-10°C (14°F) to + 45°C (113°F)
Duty Cycle	100%
Dimensions	Width: 280 mm (.91 ft.) Depth: 200 mm (.66 ft.) Height: 350 mm (1.15 ft.) (measured inc. carrying handle)
Weight	11.5 kg (24 lbs.) (with cables)
Power Cable	Length 3 m (10 ft.)
Extension Cord Requirement	150' (10 gauge/3 strand)

# George Fischer Product Lines



## Piping Systems (Conveyance)

SYGEF® PVDF & SYGEF® HP PVDF (metric)  
Beta Polypropylene & PP-n Natural Polypropylene (metric)  
+GF+ Schedule 40 PVC  
+GF+ Hi-Strength Schedule 80 PVC and CPVC  
+GF+ PPro-Seal Natural Polypropylene  
+GF+ Fuseal Corrosive Waste System  
+GF+ Contain-It Secondary Containment  
Fusion Technologies (BCF, IR, socket & electro fusion)

## Measurement & Control Products

Manual & Actuated Valves  
Solenoid Valves  
Pressure Regulating Valves  
+GF+ SIGNET Flow, Level and Analytical Instrumentation  
Rotameters

## Custom Products

Custom Specialty Components and Assemblies  
Semifinished Products  
CALORPLAST Heat Exchangers

+GF+, SYGEF, PPro-Seal, Fuseal, Fuseal Squared, Contain-it, and SIGNET are registered trademarks.

**Visit our website or call (800) 854-4090 for our complete engineering handbook on above product lines.**

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\*includes North, Central, and South America