

# SANMIG 200MF

## Multi-Process Arc Welding

**Processes**  
DC MIG/STICK/L-TIG

**Product Number**  
IDU-W200MF-U1DV

**Input Voltage**  
120/208-240 VAC 1 Phase

**Rated Output**  
140A @ 35% Duty Cycle (120V)

**Output Range**  
5–200A Max  
**Input Frequency**  
50/60 Hz.

See back for complete specifications.

The SanRex 200MF is a dual-voltage, full multi process, synergic control, DC, CC/CV, MIG/Stick/Lift TIG inverter power supply designed for precision DC MIG, TIG and Stick welding. This unit is equipped with an integrated wire feed unit, digital voltage and amperage meters and a host of other features in order to fully satisfy the broad operating needs of the modern welding professional.

### Features:

- **Synergic:** Automatically sets your welder to the proper parameters. Simply set process, material, wire, gas and go!
- **Full Multi-Process:** STICK / L-TIG / MIG with Built-in Wire Feeder.
- **PFC Power Factor correction:** Up to 40% more electrically efficient than conventional MIG Welders. Easy operation on a 120 VAC, 20 Amp Circuit Breaker.
- **Auto Switch:** Multi-voltage 120/208-240 vac, single phase.
- **Durable Wire Feeder metal Feed Plate:** 2 roll drive system and easy-to-set single scaled wire tension knob.
- **Digital Meters:** Weld Current and adjustable controls.
- **Certifications:** CSA, IEC-974
- **Thermal Overload Protection:** Indicator alerts the operator if duty cycle is exceeded or air-flow is blocked.
- **Warranty:** 3 Years.

## Synergic Multi-Process DC Welding Inverter



**SanRex**

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SANMIG 200MF  
Form No.:040120200MF

## System Features

### Synergic - Easy Welding Setup!



#### Synergic Parameters

Quick and easy setup for MIG, STICK and Lift TIG.

#### EURO Gun Connection

Quick and easy connection and disconnection for welding guns.

#### Output Terminals

50mm Dinse Twist Lock.

#### Output Gas fitting & Receptacle.

Remote controls, TIG Torch & Spool Gun.



### System Package

SANMIG 200MF Synergic Multi-Process Welding System (Part No: IDU-W200MF-U1DV) Comes Complete With:

- SANMIG 200MF Power Supply
- 0.030" / 0.035" (0.8mm / 0.9 mm) V Grooved Drive Roll (Installed).
- Argon Flowgauge Regulator & 13 ft. (4m) gas Hose.
- 200 Amp Electrode Holder & 9.7 ft. (3m) Lead.
- 200 Amp Ground Clamp & 10 ft. (3m) Lead.
- 180 Amp MIG Gun with 10 ft. (3m) Cable. (With TWECO® Consumables)
- Power Cord 10 ft. (3m) and NEMA 6-50P 230VAC Plug.
- 230V-115V Adaptor Plug and Cable.
- Operators Manual



## Specifications

<b>Input Voltage</b> 120-230V, 1 Phase
<b>Rated Output @ Duty Cycle</b> 140A @ 35% (120V) 200A @ 25% (208-230V, 1 Ph)
<b>Input Frequency</b> 50/60 Hz
<b>Output Range</b> 10-140 (120vac) 10–200A (240vac)
<b>Material Thickness</b> Max 1/4" Ferrous Metals
<b>Approvals</b> CSA; IEC 60974-1
<b>Weight</b> 39.24lbs. (17.8 kg)
<b>Dimensions (HxWxD)</b> 16.57" x 8.78??" x 18.46" 421 x 223 x 469 mm)



## Ordering Information

Product	Part Number	Description
SANMIG 200MF Pkg.	IDU-W200MF-U1DV	Includes 200MF Power Supply, 10ft. MIG Gun, 10ft. Work Lead and Electrode Holder, 120/240 vac adaptor, 10ft. Gas Hose and Regulator Flow-gauge.

### Accessories

	MSG-0001	Spool Gun with 20ft. (6m) Cable.
ECR1500	MGE15030-18	180 Amp 13ft. (4M0 MIG Gun. (Included in Package)
MB 25 MIG Gun	MGE23012B4	200 Amp 13ft. (4M) MIG Gun with remote control.
TIG Torch	TK1021	10ft. (3m) 200 Amp 17 Style w/remote control.
	MS1009	Heavy Duty Single/Dual Bottle Welding Cart allows you to configure it to carry one bottle of gas up to 10 inches in diameter; or two separate bottles of gas up to 7-1/2 inches in diameter. Fold Down Handle, Wrap Around Cable Holders, made of 18 Gauge Steel with Power Coat Finish, 8" rear wheels and 2 locking Front Casters.