

SANMIG 250MF

Multi-Process Arc Welding

Processes
MIG/STICK/L-TIG
Product Number
IAU-W250MF-U1DV

Input Voltage
120/208-240 VAC 1 Phase
Rated Output
140A @ 35% Duty Cycle (120V)

Output Range
10–250A Max
Input Frequency
50/60 Hz.

See back for complete specifications.

The SanRex 250MF is a dual-voltage, full multi process, synergic control, DC, CC/CV, MIG/Stick/Lift TIG inverter power supply designed for precision MIG, DC 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.
- **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. Easy operation on a 120 VAC, 20 Amp Circuit Breaker.
- **Warranty:** 3 Years.

Synergic Multi-Process DC Welding Inverter



SanRex

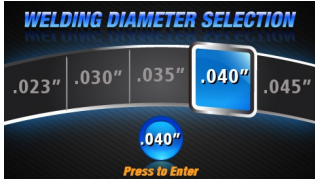
Customer Care
Tel: 516-625-1313
Fax: 516-625-8845

SANREX CORPORATION
PORT WASHINGTON, NY, USA

www.sanrex.com
SANMIG 250MF
Form No.:040120250MF

System Features

Synergic - Easy Welding Setup!



Quick and easy setup of MIG, STICK and Lift TIG parameters through Synergic front panel controls.

Amperage /Wire Speed

Fine tuning for Amperage and Wire Feed speed.

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 Gas fitting & Receptacle.

Remote controls & Spool Gun.



Voltage Control

Fine tuning for Welding Voltage.

Inductance / Arc Control

Fine tuning for Arc Control and inductance.

Flow Through Cooling

Heat Sensing Fan.

Output Terminals

50mm Dinse Twist Lock.

SANMIG 250MF

Multi-Process Arc Welding

System Package

SANMIG 250MF Synergic Multi-Process Welding System (Part No: IDU-W200MF-U1DV) Comes Complete With:

- SANMIG 250MF Power Supply
- 0.030" / 0.035" (0.8mm / 0.9 mm) V Grooved Drive Roll (Installed).
- Argon Flowgauge Regulator & 13 ft. (4m) gas Hose.
- 250 Amp Electrode Holder & 9.7 ft. (3m) Lead.
- 250 Amp Ground Clamp & 10 ft. (3m) Lead.
- 250 Amp MIG Gun with 15 ft. (4m) Cable. (With TWECO® Consumables)
- Power Cord 10 ft. (3m) and NEMA 6-50P 230VAC Plug.
- 230V-115V Adaptor Plug and Cable.
- Operators Manual



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Specifications



Input Voltage 120-240V, 1 Phase
Rated Output @ Duty Cycle 140A @ 35% (120V) 250A @ 25% (208-240V, 1 Ph)
Input Frequency 50/60 Hz
Output Range 10-140 (120vac) 10–250A (230vac)
Material Thickness Max 3/8" Ferrous Metals
Approvals CSA; IEC 60974-1
Weight 48.5 lbs (22 kg)
Dimensions (HxWxD) 18.9" x 11.02" x 24.22" 480 x 280 x 615 mm)



Ordering Information

Product	Part Number	Description
SANMIG 250MF Pkg.	IDU-W250MF-U1DV	Includes 250MF Power Supply, 13t. 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.
TIG Torch	TK1022	10ft. (3m) 200 Amp 26 Style w/remote ON/OFF 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.