

# MIG 250 PFC

Order Code: **EM-250CT**



## Key Features

- Rugged, ergonomic design
- **ClearVision** technology
- **Intelligent synergic control**
- Adaptable wide voltage range
- Welding engineer mode
- **Smart Lift TIG**
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions (optional)
- Power factor correction (PFC), generator friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun and push-pull torch
- LED inside wire feeder cabinet; handy accessory storage slot
- Fan on demand
- Trolley with cylinder holder
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



## Technical Data

EM-250CT		MIG 250 PFC	
Input voltage		AC95-265V, 50/60 Hz	
No load voltage		70V	AC 115V AC 230V
MIG	Rated input current	53.2A	44.9A
	leff	19A	18.5A
	Rated input power	6.1kVA	10.3kVA
	Current range	30-160A	30-250A
	Rated duty cycle @ 40°C	30%	
Wire feed speed		2-14m/min	2-18m/min
Wire spool size		D300	
MMA	Rated input current	33A	32.2A
	leff	18.1A	17.6A
	Rated input power	3.8kVA	6.9kVA
	Current range	20-125A	20-220A
Rated duty cycle @ 40°C		30%	
TIG	Rated input current	29.1A	26.5A
	leff	15.9A	14.5A
	Rated input power	3.3kVA	6.1kVA
	Current range	5-160A	5-250A
Rated duty cycle @ 40°C		30%	
Efficiency		>80%	
Power factor		0.99	
Idle state power		<50W	
Protection class		IP23S	
Insulation class		H	
Dimensions LxWxH		920 x 480 x 755mm	
Weight		41.9Kg	
Recommended generator size		9kVA	15.5kVA

\* Generator must have AVR



### Standard Accessories

- Trolley
- 4m MIG Torch
- 3m Earth Clamp
- Argon Regulator
- Gas Hose

### Optional Accessories (p31)

- Wireless Remote Control
- Wired Remote Control