

CHAMP ARC 250 i

HIGH POWER, HIGH PORTABILITY,
COMPACT DC MMA / SCRATCH TIG WELDER



CHAMP ARC 250 i



CHAMP ARC 250 i is a most reliable and dependable SMAW welding machine with Single Phase, 240 V Power Supply, proven for a wide range of applications. The Inverter based power source enables welder to obtain the desired arc current with ease. The equipment has a rugged design, with reliable performance, superior arc characteristics and minimum maintenance requirements.

Protection

Over-temperature



Key Attributes

- Inverter based technology.
- Suitable for MMA application
- Handle on top cover for lifting means
- Adjustable arc force.
- Built-in Hot start and Antistick function.



Technical Specifications

Parameter	Value	Unit
Input Supply	240, +10%, -15%, 1, 50/60	Vac; Nos.; Hz
Rated Input Current	53	Amps AC
Rated Input Power	12.3	KVA
Open Circuit Voltage	67 ±5	Volts DC
Welding Current Range	20 -250	Amps DC
Arc Force Range	0 -100	%
Welding Current Duty Cycle	250 @ 60%; 195 @ 100%	Amps DC
Efficiency	>85	%
Insulation	H	Class
Ingress Protection	IP 21S	Type
Suitable Welding Electrode Size	2.5, 3.15, 4.0, 5.0	Ø mm
Electrode	6013, 7018	Type
Front Panel Functions	Current Adjustment Potentiometer	
	Arc Force Adjustment Potentiometer	
	'Mains On' Green Led Indicator	
	'Trip' Red Led Indicator	
	3 Digit 7 Segment Display	
Protection	Over-temperature	Type
Cooling	Forced Air	Type
Dimensions	430 X 168 X 315	MM
Weight (approx.)	9.6	KG

WARRANTY DETAILS

Duration: One year from the commissioning date. ADOR WELDING LIMITED ensures new equipment sold through Plant/Area Offices/Authorized Distributors is free from defects in materials and workmanship, performing as per applicable specifications.

Cable Wear: ADOR is not liable for wear and damage to cables caused by flexing and abrasion. Users must regularly inspect cables for wear and address any issues before cable failure occurs.

Design and Specification Changes: ADOR WELDING LIMITED reserves the right to modify designs and specifications without prior notice due to continuous development.

Customer Care: Supported by a dedicated customer care package.



ADOR WELDING LIMITED

Dubai Showrooms, Jebel Ali Free Zone Dubai, United Arab Emirates

☎ +971 527198955 | ✉ international@adorians.com | 🌐 www.adorwelding.com

