

Smootharc TIG 200 DC



The *Smootharc TIG 200 DC* is an efficient and portable, gas-cooled DC TIG inverter with MMA welding capabilities that includes adjustable hot start current, arc force and anti-stick functions. This machine is ideal for busy professionals who perform light industrial and maintenance work.

This single-phase 15A TIG package offers high quality welding of steel, stainless steel and copper and is ideal for root runs where high quality welds are required.

This machine offers the ability for high frequency ignition to enable quick start and the liftarc TIG function allows you to avoid scratching the electrode which can contaminate your weld, but avoid having to use HF ignition when required.

This is not just a machine but a full package that includes a TIG torch, gas hose, regulator and work return lead. The *Smootharc TIG 200 DC* complies to AS/NZS 60974-1 and IEC/EN 60974-10 and comes with a conditional 18-month warranty.



Specifications

Part No.	BOCTIG200DC	
Input voltage	Single phase AC 240V ±15%	
Frequency	50/60 Hz	
Input plug	15A	
	TIG	MMA
Maximum rated input current (I_{1max})	27 A	28 A
Maximum effective supply current (I_{1eff})	13.5 A	14 A
No-load voltage	58 V	
Output current	15–200 A	30–160 A
Rated working voltage	18 V	26.4 V
Duty cycle	25 %	200 A
	60 %	130 A
	100 %	103 A
	100 A	80 A
Arc initiation	HF/Lift	
Efficiency	80 %	
Power factor	0.73	
Insulation grade	F	
Housing protection grade	IP21S	
Weight	5.6 kg	
Dimensions (L × W × H)	315 × 145 × 250 mm	
Standards	AS/NZS 60974-1, IEC/EN 60974-10	

Features

- Gas-cooled DC TIG inverter welding machine
- TIG welding with reproducible, electronic HF start
- Optional TIG lift arc welding without HF
- Adjustable pulse frequency
- Spot welding/tack function
- Adjustable up-slope/down-slope time
- Adjustable gas pre-flow/post-flow

MMA welding

- Adjustable hot start current and hot start time
- Adjustable arc force

Package includes

- Power source
- Work return lead
- SR26 TIG torch – 3m
- MMA electrode holder and cable
- Regulator
- Gas hose
- Operator's manual

Service and warranty

The Smootharc TIG 200 DC is backed by an 18-month warranty (excluding work leads) and is supported by BOC's national service network. CE approved.

BOC Limited

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