



Weldarc 200i DC

Part No: MC109-4 [Package]

Precision TIG Welding for Workshop or On-Site Installation

- ✓ DC TIG
- ✓ PULSE TIG
- ✓ HF START
- ✓ STICK

- ✓ PFC
- ✓ FAN-ON-DEMAND™

WELDARC 200i DC KEY FEATURES

- > 200 Amp DC TIG
- > 180 Amp Stick welder
- > Pulse TIG
- > TIG Torch with in-built trigger and current control (8m)
- > TIG HF Pulse Arc Start or TIG Lift Arc Start
- > Compact, lightweight design
- > Suits 2 - 4.0mm electrodes
- > 15 Amp supply plug



APPLICATIONS

- Onsite Maintenance
- Food and Wine
- Motor Sports Fabrication
- Welding Contractors
- Rural Workshops

WARRANTY

With a 3 year unlimited warranty, covering parts and labour, and supported by a New Zealand wide service network, you can be guaranteed you're buying reliability and performance.

*Power source only.

PACKAGE INCLUDES

- Work Lead (3m)
- Industrial Twist Lock
- Electrode Holder (4m)
- Gas Regulator
- TIG Torch with built-in trigger and current control (8m)





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OPTIONAL VRD

> The Weldarc 200i DC is supplied with the VRD (Voltage Reduction Device) option disabled. If VRD is required, it can be enabled by an authorised Weldwell Service Agent.

> When activated, VRD delivers added safety when operating in Stick mode and meets the requirements of site work. Fully compliant to New Zealand Standards AS/NZ60974.1 & AS/NZ1674.2 CAT C.

DC TIG

DC TIG can be used for steel, stainless steel, copper and copper alloys, plus titanium. When welding in DC current HF start allows easy no contact starts for critical applications.

HOT START™ FOR MANUAL ARC

Built-in “Hot Start™” feature in stick mode for even better arc starting.

ARC FORCE

Built-in “Arc Force”, constantly monitors arc voltage and will boost output if low arc voltage occurs.

GENERATOR COMPATIBLE

The Weldarc 200i DC has the added feature of Power Factor Correction, which makes the machine tolerant to unconditioned power from generators. The machine will be less demanding on generator output.

HF START

HF is a non-contact arc starting method using High Frequency energy pulse. Allows easy arc starting without the interference problems of conventional HF. Eliminates tungsten contamination.

LIFT ARC TIG START

Easy to use lift arc starting for TIG welding. Eliminates scratch starting and tungsten electrode damage.

PULSE TIG

In Pulse TIG the current can be adjusted to pulse between a peak current and a background current. Pulse TIG reduces heat input to material but still allowing filler metal melt, maintaining good penetration. Useful on thin materials, and near edges.

INTEGRATED GAS VALVE

PORTABLE

At 9.4kg, the Weldarc 200i DC can go wherever the job takes you, making it suitable for onsite maintenance.

BUILT-IN OPERATOR SAFETY

The power source features a built-in thermal protection device that will activate if the machine is operated beyond its safe thermal operating zone.

FAN-ON-DEMAND™

Power source cooling fan operates only when needed - reducing noise, energy use and the amount of contaminants pulled through the machine.

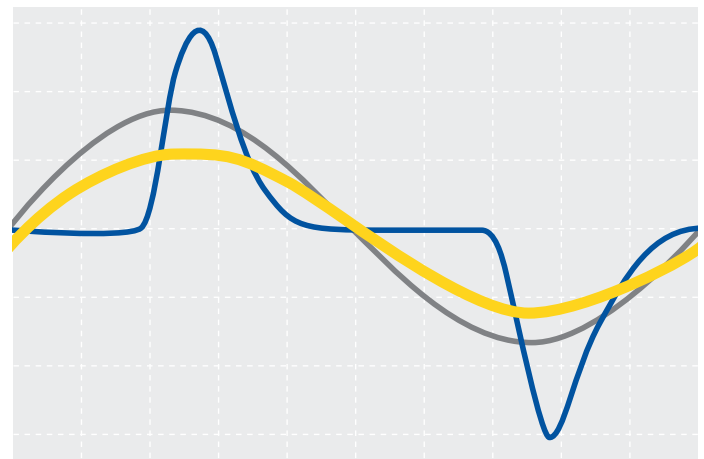
POWER FACTOR CORRECTION (PFC)

The machine has internal input power conditioning to smooth out the actual input current. With a smoother input current the machine is less demanding on generators and extension leads, thus increasing the options for remote site operation.*

*Refer to diagram below.

FOOT CONTROL ADJUSTMENT

Supports foot control connection for hands free amperage adjustment. (Part No. WIAFOOTAA76)



— INPUT VOLTAGE — INPUT CURRENT WITH PFC — INPUT CURRENT WITHOUT PFC

PRIMARY VOLTAGE	RATED PRIMARY CURRENT	MAX. PRIMARY CURRENT	REC. GEN. KVA*	SUPPLY PLUG	RATED OUTPUT @ 40C (10 MIN)	WELDING CURRENT RANGE	ELECTRODE SIZE RANGE (MM)	WEIGHT	IP RATING
240 Vac - 50/60 Hz	14 A	25 A	8 kVA	15 A	Stick MMA 180 A at 27.2 V, 30% Duty Cycle 99 A at 24 V, 100% Duty Cycle	5 - 180 A	2.0 2.5 3.2 4.0	Shipping: 17.5kg Machine: 9.4kg	IP23S
					TIG 200 A at 18 V, 30% Duty Cycle 110 A at 14.4 V, 100% Duty Cycle	5 - 200 A			