

NEW!

Multi MIG-200Di/200MV



Quick Specs



Processes:

MIG
Flux-Cored
TIG(Lift TIG)
MMA(Stick)

Applications:

Metal Fabrication
Maintenance and Repair
Auto Body
Light Industrial

Input Power:

200Di: 1PH ~ 230V ±15%
200MV: 1PH ~ 115V/230V ±15%

Amperage Range:10-200A

Rated Output at 40°C (104°F):

200A at 24V @60% Duty Cycle

Weight: 20KG

For MIG, TIG and Stick Welding

Waveform control system for precision Arc performance, Portable but heavy duty.

We designed and built the **Multi MIG-200Di** based on the waveform control system from the standard MIG welding process. From the full cycle of the wire melting drop transfer between the short circuits and arc burning, the **Multi MIG-200Di** can perfectly control the output of welding power.

With the features of powerful peak current and Dynamic control system, the **Multi MIG-200Di** is portable but very heavy duty.

Specialist Features

Precision Arc Performance:

- Full digitized control system, new energy efficient IGBT inverter power source, very simple and friendly operations.
- Featured Wave-form control system: perfect waveform of volts/amps during Short Circuits and Arc Burning cycles.
- Very clear wire melting drop transfer, very few spatters.
- Powerful peak current confirms deep penetration and wide welding capacity. The peak short circuit current is up to around 435Amps on MIG process.
- Dynamic control with a push of a button.
- Fast, precise, clean arc ignition and arc ending.
- MIG Spot welds.

Professional Features:

- Voltage Reduction Device (VRD). When enabled from the set up menu reduces the open circuit voltage in STICK mode for use in electrically hazardous conditions or when the use of a VRD is required.
- Auto-reconnects for single phase 115/230V 50/60 Hz input allows the flexibility to weld in the shop or take in the field where 230V may not be available. (200MV)
- Weighs in at a mere 16 kg making it easy to carry around the shop or job site.

Outstanding Quality:

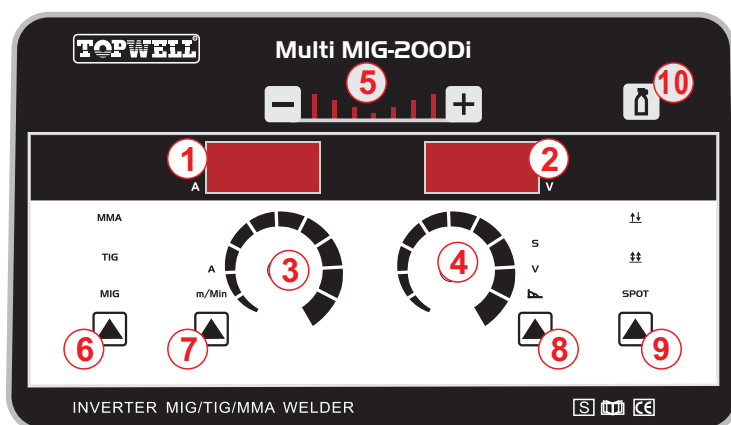
- Newly designed using the latest power electronic technology for improved reliability.
- CE Certified.
- One-Year Warranty on parts.



Technical specifications

Item No	Multi MIG-200Di	Multi MIG-200MV
Rated Input Voltage	1PH ~ 230V ±15%	1PH ~ 115V/230V ±15%
Max.Input Power Capacity	8.75KVA	6.06KVA
Rated Duty Cycle (40°C)	35%	MIG: 200A/24V MMA: 200A/28V TIG: 200A/18V
	100%	MIG: 160A/22V MMA: 160A/26.4V TIG: 160A/16.4V
Welding Current/Voltage Range	MIG: 10A/14.5V ~200A/24V MMA: 20A/20.8V~200A/28V TIG: 5A/10.2V~200A/18V	MIG: 10A/14.5V ~200A/24V MMA: 20A/20.8V~200A/28V TIG: 5A/10.2V~200A/18V
Open Circuit Voltage	70V~80V	70V~80V
Power Factor	0.8	0.99
Efficiency	80%	80%
Pre-Gas Time	Preset	Preset
Flow-Gas Time	Preset	Preset
Wire-feed Mechanism	2 Rollers	2 Rollers
Wire-feed Speed Range	2-18m/min	2-18m/min
Wire Spool Capacity	200mm (5kg)	200mm (5kg)
Filler WiresΦ(mm) Fe solid wire:	0.6~1.0 mm	0.6~1.0 mm
Dimension	490x230x385mm	490x230x385mm
Weight	20kg	20kg

General View of Control Panel



Control Panel Parameter Values

1. Display, left

Welding current

2. Display, right

Welding voltage, Times(S,0.1s)

3. Welding parameter setting, rotary dial

Adjustment of the welding current or Wire feed speed

Press to Adjust the Arc Crater Current .

4. Rotary dial, welding voltage

Adjustment of the welding voltage/ Times and Arcforce

Press the Arc Crater Voltage.

5. button, throttling effect (arc dynamics)

“-”Arc is softer and wider

“+”Arc is harder and more narrow

6. Button, welding process

MMA welding

MIG/MAG welding

TIG welding

7. Button, Parameter selection

Welding current

Wire feed speed

8. Button, Parameter selection (up)

Welding times:S, 0.1s

Welding voltage

Arcforce :To adjust the welding parameters to the electrode type used.

Infinite setting from rutile (soft arc) to cellulose (hard arc) electrode types.

9. Button, Parameter selection (up)

2T holding mode

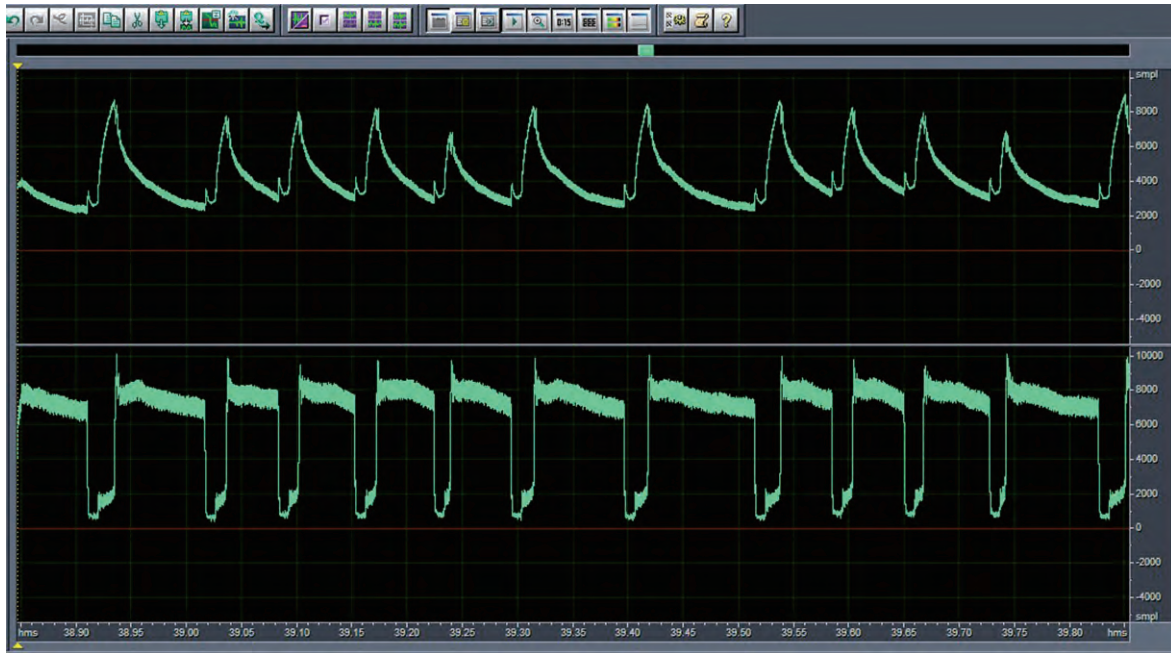
4T holding mode

Spot Welding mode selection

10. Gas test button

Gas test: For setting the shielding gas quantity

The advantage of Wave-form Control System



Fe, ϕ 0.8mm

Featured Wave-form control system:

Perfect waveform of volts/amps during Short Circuits and Arc Burning process (very smooth welding drop transfer).

Dynamic Control



Dynamic control with a push of a button

You know how it is from experience. Every transformer system has its own unique characteristics. One system produces a slightly softer arc, while the next generates a slightly harder arc. More importantly, every welder has his own preference in terms of what he considers to be the perfect arc: softer and longer, shorter and harder or somewhere in between. This calls for a level of distinction that a transformer system simply cannot realise. Our system allows you to individually adjust the dynamics of the arc to suit the work and welding position at hand and will find the simplest and fastest arc setting that is most suitable in each case. The rest of the job is carried out by the intelligent arc control technology incorporated into the background to achieve a perfect weld seam every time.



Accessories

For Standard accessories



MIG torch: MB15AK
Euro Connector
Cable length 3M



Electrode holder with cable 2M
Earth clamp with cable 2M

For Optional accessories



Argon gas regular



Co₂ gas regular with heater



TIG torch: WP-26
Gas connector: M16
Cable length 4M
5-pin control coupler



Pool gun: QLBF-200/8M

Consumables

For MIG torch: MB15AK



Nozzles

ICS0062	Gas nozzle Φ 9.5mm
ICS0063	Gas nozzle Φ 12mm
ICS0064	Gas nozzle Φ 16mm
ICS0070	Spot welding gas nozzle Φ 16mm
ICS0711	Tapered gas nozzle Φ 13mm



Contact Tips

ICU0003-06	Contact tip Φ 0.6mm M6x25 Ecu
ICU0003-58	Contact tip Φ 0.8mm M6x25 CuAl
ICU0003-60	Contact tip Φ 1.0mm M6x25 CuAl
ICU0003-78	Contact tip Φ 0.8mm M6x25 CuCrZr
ICU0003-80	Contact tip Φ 1.0mm M6x25 CuCrZr



Replacement Lines

IIC0220	Brass terminal Φ 2.0X4.0mm 0.35m
IIC0100	Teflon liner Φ 4.0X1.5mm 3m Blue
IIC0500	Blue liner Φ 0.6-0.8mm 3m

Others



5-pin connector



Drive Roll
Fe 0.6/0.8 mm
Fe 0.8/0.9 mm
Fe 0.8/1.0 mm
Fe 1.0/1.2 mm