

NEW!

MIG-200i



Quick Specs



Light industrial Application:

Thin sheet metal fabrication workshops
Car repair
Agriculture
Shipyards and offshore industry
Installation and set-up
Repair and maintenance

Process:

MAG (GMAW)
MIG (GMAW)
Stick (SMAW)

Input Power: 115/230V, 1-Phase (200MV)

Amperage Range: 10-200A

Rated Output at 40°C (104°F):

200A at 28V @35% Duty Cycle

Weight: 22 kg

Full digital control system for a nice Arc performance, very few spatters.

We designed and built the **MIG-200i** based on the full digital control system, very simple operation panel and very easy to use even if without any experience. The short-circuit cycle is very clear, the peak short-circuit current is very strong, there's very few spatters. Especially for the thin plate welding jobs, it seems nearly no spatters during the welding.

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

Specialist Features

- Full digitized control system, new energy efficient IGBT inverter power source, very simple and friendly operations.
- Very clear wire melting drop transfer, very few spatters.
- Powerful peak current confirms deep penetration and wide welding capacity.
- Dynamic control with a push of a button.
- Fast, precise, clean arc ignition and arc ending.
- 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.
- Weighs in at a mere 16 kg making it easy to carry around the shop or job site.



Outstanding Quality:

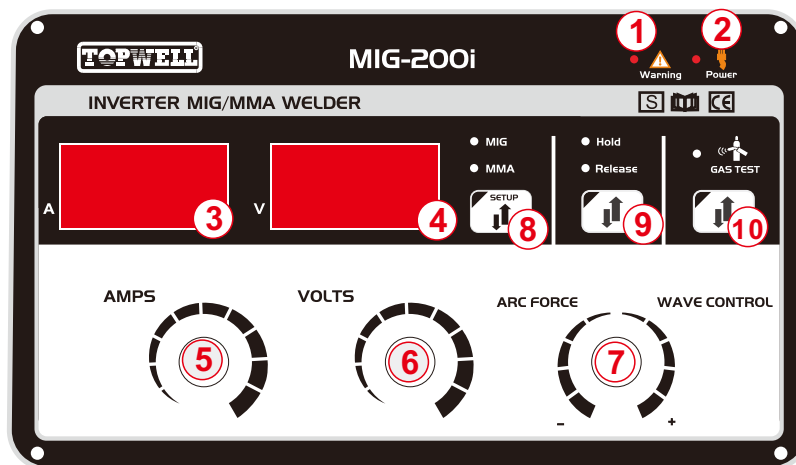
- Newly designed using the latest power electronic technology for improved reliability.
- CE Certified.



Technical specifications

Item No	MIG-200i
Rated Input Voltage	1PH ~ 230V ±15%
Max.Input Power Capacity	7.50KVA
Rated Duty Cycle (40°C)35%	MIG: 200A/24V MMA: 200A/28V
100%	MIG: 160A/22V MMA: 160A/26.4V
Welding Current/Voltage Range	MIG: 10A/14.5V ~200A/24V MMA: 20A/20.8V~200A/28V
Open Circuit Voltage	70V~80V
Power Factor	0.8
Efficiency	80%
Pre-Gas Time	Preset
Flow-Gas Time	Preset
Wire-feed Mechanism	2 Rollers
Wire-feed Speed Range	2-18 m/min
Wire Spool Capacity	200mm (5kg)
Filler WiresΦ(mm) Fe solid wire:	0.6~1.0 mm
Dimension	490x230x385mm
Weight	22kg

General View of Control Panel

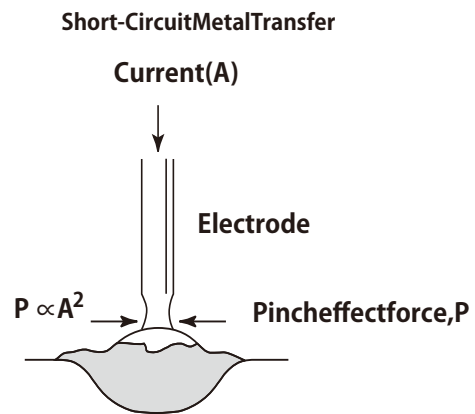


Control Panel Parameter Values

- | | |
|--|---|
| <p>1. Collective interference signal light</p> <p>2. Power LED</p> <p>3. Display, left
Welding current</p> <p>4. Display, right
Welding voltage, Times(S,0.1s)</p> <p>5. Welding Current Adjusting</p> <p>6. Welding Voltage Adjusting</p> | <p>7. Rotary dial
Adjustment of the wave control or Arcforce</p> <p>8. Button, welding process
MIG/MAG welding
MMA welding</p> <p>9. Torch holding mode</p> <p>10. Gas test button
Gas test: For setting the shielding gas quantity</p> |
|--|---|

The short-circuiting metal transfer mode

The short-circuiting metal transfer mode is the low heat input mode of metal transfer for GMAW and has higher electrode efficiencies, 93% or more. The low heat input reduces weldment distortion and makes it ideal for sheet metal thickness materials.



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 systems 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



Spool 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