

The **PROTIG 200 AC/DC (200 A)** is a compact, portable and versatile dual-process unit for AC/DC TIG welding and coated-electrode (MMA) welding. It can be used to join all types of material up to 4 mm thick (steel, stainless steel, aluminium, copper, magnesium and even titanium). Its advanced, secondary regulation guarantees optimal arc stability and a constant welding current in all positions.

FIVE TIG WELDING MODES

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| DC | <p>Standard DC: direct current welding for most ferrous materials.</p> <p>Pulsed DC: limits the temperature rise of the parts being welded. Ideal for very thin sheet metal.</p> |
| AC | <p>Standard AC: for welding aluminium and its alloys (Al, AlSi, AlMg and AlMn, etc.).</p> <p>Pulsed AC: limits the temperature rise of the parts being welded. Ideal for very thin sheet metal.</p> <p>Easy AC: predefined user settings makes using the welding unit as simple as possible. The user only has to select the tungsten-electrode diameter on the machine's user interface.</p> |

OPTIMISED TIG WELDING SETTINGS

- **SPOT mode** (AC or DC TIG): for fast and accurate spot welding before working on thin sheet metal.
- **Two ignition types:** HF contactless or HF contact for electrosensitive environments.
- **Three types of trigger control:** 2T, 4T and 4T LOG.
- Automatic torch detection: compatible with trigger and double-button torches.

MMA WELDING

- **MMA :** basic and rutile electrodes (up to □ 4 mm).
- **Pulsed MMA:** enables vertical-up welding (for pipes and pipelines, etc.).
- **Three built-in welding aids:**
 - Anti-Stick: minimises the chance of the electrode sticking to the workpiece.
 - Adjustable Hot Start: makes ignition much easier and can be adjusted in seconds depending on the type of metal.
 - Arc Force: a one-off current boost for resolving difficult welding situations.

MAXIMUM PRODUCTIVITY

- Stores up to 30 programs per welding process.
- Access to an advanced menu for maximum welding control.
- Current and voltage display both during and after the welding process (DMOS/QMOS).
- Reinforced bodywork and anti-shock pads.
- Space-saving and easy to move around the site.
- Its smart ventilation system reduces power consumption, dust intake and noise levels.
- Surge-protected up to 400 V (PROTEC 400).



Supplied with:



A VRD (voltage reduction device), that can be activated by an internal switch, to reduce the no-load output voltage to 10 V.

ACCESSORIES (optional extras)



SR26L - 8 m
046184



SR26DB - 8 m
046177



TIG26 consumables box
044678



WELD 910 - 4 m³
070967



Trolley - 10 m³
039704

50/60 Hz	A	I ₂			INTEGRATED TECHNOLOGY	SR	TIG EN 60974-1 (40°C)						MMA EN 60974-1 (40°C)			U ₀	mm ²	cm	kg	IP	Protected & compatible power generator (+/-15%)
		TIG DC	TIG AC	MMA			PULSE	IA (60%)	X% (I2 max)	100%	IA (60%)	X% (I2 max)	100%	V							
230 V 1~	16	10 → 160	10 → 200	10 → 160	0.1 → 900 Hz (TIG DC) 0.1 → 20 Hz (TIG AC)	▪	DC	AC	DC	AC	DC	AC	90 A	20%	70 A	64	35/50	24 x 43 x 35	12.5	IP 21	7.5 kW