

The PROTIG 201 DC FV (200 A) ensures high quality welds on mild and stainless steels thanks to its secondary regulation, its PFC power supply and its powerful HF ignition.. Its intuitive interface makes it easy to modify the parameters.



OPTIMISED DC WELDING

- **Secondary regulation:** ensures optimal arc stability and constant current in all positions.
- **TIG DC:** ensures a quality welding on all ferrous materials such as steel, stainless steel but also copper and its alloys...
- **TIG DC Pulse up to 2000 Hz:** control of the weld temperature, limit of the deformation and therefore enabling the assembly of thin sheets from 0,3 mm.
- **SPOT adjustable from 0.1 to 60 sec:** Fast and precise spot welding, ideal function for welding thin metal sheets.
- **2 types of priming :** Non-contact HF or contact LIFT for electrosensitive environments.
- **3 trigger controls:** 2T / 4T / 4T LOG.
- **Automatic torch detection:** compatible with lamella and double button torches with or without potentiometer.



MMA WELDING

- **MMA:** Basic and rutile electrodes (up to Ø 5 mm).
- **Pulsed MMA** facilitates welding in a vertical upright position
- **3 integrated welding supports:**
 - AntiSticking Prevents the electrode from sticking when in contact with the workpiece.
 - Hot start: facilitates arc ignition and can be set in seconds according to the type of metal
 - Arc force: punctual increase of the current in difficult welding situation.
- **VRD (Voltage Reduction Device)** can be activated to lower the no-load output voltage < 35 V.

| Supplied with : |  |  |  |
|-----------------|---|---|---|
| 065765 | ✓ | ✓ | ✓ |
| 065772 | without accessories | | |

MAXIMUM PRODUCTIVITY

- Storage of up to 50 programs per process.
- Advanced menu for an optimal welding control.
- PFC (Power Factor Correction) technology enables the use of power cables up to 100 m.
- «FV» technology guarantees a stable arc with supply voltages (85 to 265 V) and power supply by generator.
- Displays current and voltage during and after welding (WPS/PQR).
- Connectivity for remote control (manual or pedal)
- Reinforced chassis and anti-shock pads.
- Lightweight and portable
- Protected against overvoltage up to 400 V (PROTEC 400).



- pre-gas / post-gas
- time to upslope
- welding current
- hot / cold current
- pulse frequency
- duration of the downslope
- ...

ACCESSORIES (Options)



SR26L - 8 m
046184

SR26DB - 8 m
038271

Consumables box
for TIG26 torch
044678

On-Site Case IP67
060432

Cart 10m³ XL
041257

RC-HA1 - 8 m
045675

RC-FA1 - 4 m
045682

| 50/60 Hz | A | I ₂ TIG A | I ₂ MMA A | INTEGRATED TECHNOLOGY | | | TIG | | | MMA | | | U ₀ V | mm ² | cm | kg | IP | Protected & compatible power generator (+/-15%) | |
|------------|----|-------------------------|-------------------------|-----------------------|-----|----|-------------------|-------------------------|-------|-------------------|-------------------------|-------|---------------------|-----------------|-----------------|----|-------|---|---------|
| | | | | TIG PULSE | AID | SR | EN 60974-1 (40°C) | | | EN 60974-1 (40°C) | | | | | | | | 6 kW | 7.5 kVA |
| | | | | | | | IA (60%) | X% (I ₂ max) | 100% | IA (60%) | X% (I ₂ max) | 100% | | | | | | | |
| 110 V - 1~ | 32 | 10 → 180 | 10 → 140 | 0.1 → 2 kHz | ▪ | ▪ | 125 A | 25 % | 110 A | 100 A | 20 % | 90 A | 70 | 35/50 | 41 x 20 x 28 cm | 10 | IP 21 | 6 kW | 7.5 kVA |
| 230 V - 1~ | 16 | 10 → 200 | | | | | 165 A | 35 % | 140 A | 135 A | 25 % | 120 A | | | | | | | |