

# Rogue ET 181iP, 201iP PRO

## Portable solutions for professional welding



*Rogue ET 201iP PRO*

### Industry

- Food and Beverage
- Repair and Maintenance
- Civil Construction
- Agricultural Equipment
- Industrial and General Fabrication



*Control panel*

The Rogue ET are powerful high frequency start TIG machines. This easy-to-use welder is designed with a robust and durable housing that is IP23S rated. Weighing below 10 kg this lightweight welder features an ergonomic handle, carrying strap and long extension cables for maximum portability.

Rogue ET offer exceptional arc characteristics, both in TIG and MMA mode. Want more control over your welder? Rogue ET provide several TIG parameters that can be easily adjusted including gas pre flow, start current, ramp up time, ramp down time, finish current and post flow. All of which can be programmed using 2 or 4 stroke mode for greater arc control. Additionally, Rogue ET offers a pulse feature with background current control and frequency adjustments up to 500 Hz for better heat input control. In Stick mode, Hot Start or Arc Force can be adjusted according to individual welding preferences or applications.

New Pulse MMA functionality enhances the performance and improves the heat input control, to minimize thin gauge materials distortion, facilitate out-of-position welding with no undercuts and reducing spatter, thus helping to effectively avoid several welding defects.

- High Frequency TIG start, prevents contamination of weld surface and improves weld quality
- Pulse MMA functionality – improves heat input control, minimizes distortion of thin materials and helps reduce spatter for higher quality welds
- Easy to Use – set the welding current and adjust a wide range of arc parameters for more control over your weld, also suitable for use with compliant generators
- Robust Housing – IP23S designed for both fabrication floor or site applications
- Advanced TIG parameter control to match every application and pulse feature up to 500 Hz for better heat input control
- Power Factor Correction (PFC) – ensures a stable arc, resistant to power fluctuations even while working on long extension cables up to 100 m (PRO version)
- Compatible with current adjusting foot pedal (sold separately)

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# Rogue ET 181iP, 201iP PRO

| Specifications                                                                     |                                                              |                                                               |
|------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|
| Model                                                                              | ET 181iP                                                     | ET 201iP PRO                                                  |
| Primary Voltage 1 ph                                                               | 230 VAC +/- 15%, 50/60 Hz                                    | 120 – 230 VAC +/- 15%, 50/60 Hz                               |
| Maximum Output                                                                     | 180 A                                                        | 200 A                                                         |
| Rated kVA                                                                          | 8 kVA                                                        | 7 kVA                                                         |
| Energy Save Mode                                                                   | 30 W                                                         | 50 W                                                          |
| Open Circuit Voltage                                                               | 63 V DC                                                      | 78 V DC                                                       |
| MMA Welding Output<br>at 20% Duty Cycle<br>at 60% Duty Cycle<br>at 100% Duty Cycle | (230 V)<br>170 A / 26,8 V<br>97 A / 23,9 V<br>75 A / 23,0 V  | (230 V)<br>200 A / 28.0 V<br>129 A / 25.2 V<br>100 A / 24.0 V |
| TIG Welding Output<br>at 25% Duty Cycle<br>at 60% Duty Cycle<br>at 100% Duty Cycle | (230 V)<br>180 A / 17,2 V<br>116 A / 14,6 V<br>90 A / 13,6 V | (230 V)<br>200 A / 18.0 V<br>129 A / 15.2 V<br>100 A / 14.0 V |
| Current Range *                                                                    | 10 – 180 A (230 V)                                           | 10 – 200 A (230 V)                                            |
| Pulse TIG Frequency                                                                | 0.2 – 500 Hz                                                 | 0.2 – 500 Hz                                                  |
| Pulse MMA Frequency                                                                | 0.2 – 100 Hz                                                 | 0.2 – 100 Hz                                                  |
| Operating Temperature                                                              | -10 to +40 °C                                                | -10 to +40 °C                                                 |
| Enclosure Class                                                                    | IP23S                                                        | IP23S                                                         |
| Dimensions                                                                         | 403 x 153 x 264 mm                                           | 403 x 153 x 264 mm                                            |
| Weight                                                                             | 8.7 kg                                                       | 9.6 kg                                                        |

\* Current Range 230 V values depending on process. .

For 120 V values please see separate instruction manual.

| Ordering Information  |            |
|-----------------------|------------|
| Rogue ET 181iP CE     | 0705002011 |
| Rogue ET 201iP PRO CE | 0705002010 |

Package includes: power source with 3 m mains cable and plug, shoulder strap, TIG torch SR-26 4 m, a set of wear parts including tungsten electrode, work lead with clamp 3 m.

| Options & Accessories                                               |            |
|---------------------------------------------------------------------|------------|
| Shoulder Strap - Rogue                                              | 0700500086 |
| MMA 4 Hand Remote Current Control, 10 m (33 ft) cable, 8-pin        | 0700500084 |
| Electrode Holder, Handy 200 A with 25 mm <sup>2</sup> , 3 m, OKC 50 | 0700006900 |
| Return cable kit, OKC 50, 3 m                                       | 0700006901 |
| Return cable kit, OKC 50, 5 m                                       | 0700006885 |
| SR-B 26 Torch, Air, OKC 50, 4 m                                     | 0700025580 |
| SR-B 26 Torch, Air, OKC 50, 8 m                                     | 0700025581 |
| SR-B 26FX-R Torch, Air, OKC 50, 4 m                                 | 0700025589 |
| SR-B 26FX-R Torch, Air, OKC 50, 8 m                                 | 0700025590 |
| TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector           | W4014450   |

FX = Flexible head, R = Potentiometer for remote control.



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For TBI information  
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