



product code: **MULTIPRO2014IN1-SOURCE**

Package equipment:

- MultiPro 201 4in1
- user’s manual



Use the configurator to complete the equipment according to your needs.

Product variants

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MULTIPRO 201 4in1 source
MULTIPRO2014IN1-SOURCE

MULTIPRO2014IN1 package with MIG gun 150 - 3m and TIG torch SPP mini 17 1B - 4m
MULTIPRO2014IN1-PAK-15-3-17-4

Product description

MultiPro 201 4in1 - MULTIFUNCTIONAL WELDING INVERTER

SPARTUS® MultiPro 201 4in1 is an innovative, multifunctional inverter welder designed with advanced PWM technology and high-quality IGBT transistors. It allows welding using **MIG / TIG AC / TIG DC** and **MMA AC / MMA DC** methods with a maximum current of 200A. Powered by a single-phase 230V network. Thanks to its wide configuration options, this device is ideal for various metal joining techniques.



MIG WELDING

MultiPro 201 4in1 is equipped with a **synergistic MIG/MAG welding system**, offering programs for steel, stainless steel, aluminum, flux-cored wire welding, and brazing. It allows manual parameter adjustment with automatic suggestions for material thickness and wire feed speed.

| Material | Wire Diameter [mm] | Shielding Gas |
|--------------|--------------------|----------------|
| Fe | 0.6 / 0.8 / 1.0 | 80%Ar + 20%CO2 |
| Fe | 0.6 / 0.8 / 1.0 | 100%CO2 |
| Flux c.w. Fe | 0.8 / 1.0 | 100%CO2 |
| SS | 0.8 / 1.0 | 98%Ar + 2%CO2 |
| Al | 0.8 / 1.0 | 100% argon |
| CuSi3 | 0.8 / 1.0 | 100% argon |

MultiPro 201 4in1 also operates in manual mode. It allows for setting all welding parameters according to the user's individual requirements.

The device has built-in functions to support MIG/MAG welding:

- **Burn Back** – controls the burn-back time of the wire tip, eliminating the risk of the welding wire sticking to the contact tip. It also facilitates short welds in MIG/MAG welding.
- **Slow Feed** – a soft start of the wire feeder. This function is helpful at high wire feed speeds, enabling a stable arc ignition from the start, thus minimizing the risk of welding defects at the beginning of the weld.
- **Inductance Adjustment**
- Possibility to weld in two modes: **2T/4T**.

MultiPro 201 4in1 also supports welding with SPOOL GUN type torches with a built-in wire feeder. This significantly relieves the device and extends its reach, allowing work with torches longer than 5 meters.

TIG WELDING



Thanks to advanced features, **MultiPro 201 4in1** allows advanced TIG AC and TIG DC welding with an HF or Lift arc ignition option. It supports **pulse welding**, ideal for precise work on thin sheets and aluminum. The device has features that support the TIG welding process, such as:

- **Choice of AC waveform:** Three options are available – rectangular, sinusoidal, triangular – allowing the welding parameters to be tailored to specific material requirements.
- **Adjustments: AC balance, frequency, pulse width, and pulse current**, providing excellent control over the welding process.
- **Ramp-up and ramp-down current adjustment:** Allows optimization of the arc dynamics, which is crucial for complex welds.
- **SPOT welding:** Option for precise spot welding, ideal for industrial applications.

- **2T/4T operating mode:** Facilitates control and ensures comfort during both short and long-term welding projects.

Thanks to these advanced features, the **SPARTUS® MultiPro 201 4in1** becomes an invaluable tool for professionals who expect the highest quality and adaptation to diverse working conditions.

MMA WELDING

MultiPro 201 4in1 offers versatile MMA welding capabilities, both in AC and DC modes, making it an excellent choice for various applications. The device is equipped with auxiliary functions that significantly ease and optimize the welding process:

- **Hot Start:** Facilitates the initial electrode ignition, especially helpful when welding difficult materials, ensuring a smooth start and stable arc from the very beginning.
- **Arc Force:** Automatically adjusts the intensity of the welding arc, making it easier to weld in hard-to-reach places or forced positions. This provides greater control over the welding process, minimizing the risk of weld defects.

These functions built into the **SPARTUS® MultiPro 201 4in1** ensure higher weld quality and ease of use, even during the most demanding welding tasks.

MEMORY CHANNELS

SPARTUS® MultiPro 201 4in1 is equipped with **10 memory channels**, a key tool for any professional, allowing for quick and efficient management of the welding process. With this feature, the welder can save and quickly recall the most frequently used machine settings, greatly streamlining work and saving time when switching welding parameters between different projects or materials.

Modern design, functional LCD panel, and technologically advanced components make the SPARTUS® MultiPro 201 4in1 one of the best devices in its class available on the market. It is a professional tool from the SPARTUS® Pro series, suitable for both the production sector and industry.

Technical details

| | |
|--------------------------|---|
| Input | ~1× 230V ± 10% 50 / 60 Hz |
| MIG welding current | 30 - 200A |
| MIG duty cycle | 40% |
| Wire feeder | built-in, 2-roll gear |
| Welding wire spool | ≤ 5kg / Ø200mm |
| Wire diameter | 0.6 / 0.8 / 1.0mm |
| Synergy | yes |
| 2T/4T Control | yes |
| SPOT welding | yes |
| Additional MIG functions | Burn Back, brazing (CuSi3), Pre-gas, Post-gas, synergistic program, manual adjustment of parameters, inductance control, spool gun, Slow Feed, wire test, change polarity |
| TIG Lift | yes |
| TIG welding current | 10 - 200A |
| Down slope | 0 - 10s |
| MMA welding current | 10 - 200A |
| Arc Force | yes |
| Hot Start | yes |
| Current consumpition | MIG 26.8A / TIG AC 22.2A / TIG DC 21.5A / MMA AC 28.6A / MMA DC 30.7A |
| Power factor (cosφ) | 0.98 |
| Efficiency η | 99% |
| Insulation class | F |
| Protection class | IP21S |
| Weight | 21kg |
| Dimensions | 606 x 217 x 404mm |