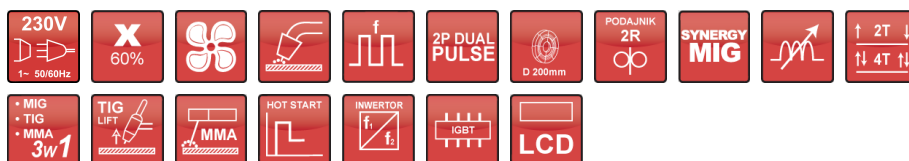


## SPARTUS® EasyMIG 207 DUAL PULSE



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Product code:

EASYMIG207DP-PAK-24-3

Package equipped: • EasyMIG 207DP • **MIG gun SPARTUS® SPE 240 3m equipped with a graphite wire liner** • Wire guide roller 1.0-1.2U fi30 + additionally 0.8 - 1.0V fi30 • Electrode holder • Work clamp • Gas hose • User's manual

### Product description

## SPARTUS® EasyMIG 207DP SYNERGIC MIG WITH DUAL PULSE

SPARTUS® EasyMIG 207DP is a semi-automatic welder based on IGBT transistor technology. It allows for synergic MIG/MAG welding with dual pulse, synergic MIG/MAG welding with pulse, synergic MIG/MAG welding, TIG Lift welding, and MMA welding with coated electrodes. The maximum welding current for all methods is 200A. The device is powered by a single-phase 230V power supply.

EasyMIG 207DP is equipped with a dual-drive wire feeder, enabling work with wire diameters ranging from 0.6mm to 1.2mm. Thanks to the synergic programs, the device is extremely user-friendly. Simply declare the type of material, wire diameter, and gas, and the welder will automatically adjust the parameters. Additionally, the user can manually adjust the settings.

The main advantage of the device is the pulse welding function (with single or dual pulse). The application of dual pulse in the MIG/MAG method allows for welds of quality and aesthetics comparable to the TIG method. The frequency and amplitude adjustment of the pulse allows for customization of the welding process to various needs.

Benefits of using dual pulse in the MIG/MAG method include:



High aesthetic weld appearance (scallop effect)

Greater welding efficiency compared to the TIG method

Reduced thermal distortion compared to the TIG method

Easier welding of aluminum, requiring less operator skill compared to the TIG method.

In addition, EasyMIG 207DP has several features to support the welding process, such as:

2T/4T mode, allowing selection of one of the two microswitch operating modes

Inductance adjustment, enabling control of weld width and penetration depth (MIG/MAG), limiting the amount of spatter

Spot welding mode

Hot Start, facilitating electrode ignition (MMA)

Voltage compensation - when the power supply voltage fluctuates within  $\pm 15\%$  of the rated voltage, the device can still operate normally.

The welder is equipped with a modern LCD display, allowing for easy and quick adjustment of welding parameters and management of device functions.

With its compact size and lightweight design, EasyMIG 207DP is a portable welding device. The ease of use and advanced welding features make EasyMIG 207DP an ideal tool for both industrial facilities and workshops.

## Technical parameters

<b>Input</b>	~1× 230V $\pm$ 10% 50 / 60 Hz
<b>Welding current MIG [A]</b>	40 - 200
<b>Duty cycle MIG [%]</b>	60
<b>Output working voltage [V]</b>	16 - 24
<b>Wire feeder</b>	built-in, 2-roll gear
<b>Welding wire spool [kg]/[mm]</b>	$\leq 5$ / 200
<b>Wire diameter <math>\varnothing</math> [mm]</b>	0.6, 0.8, 1.0, 1.2
<b>Additional features</b>	DUAL PULSE, pulse, 2T/4T control , Hot Start, TIG lift welding, wire test, manual adjustment of parameters, inductance control, synergy, SPOT, gas test, MMA welding, Pre-gas, Post-gas
<b>Welding current TIG [A]</b>	20 - 200
<b>Duty cycle TIG [%]</b>	60
<b>Welding current MMA [A]</b>	20 - 200
<b>Duty cycle MMA [%]</b>	60
<b>Current consumption [A]</b>	MIG 27.6A / MMA 32.2A
<b>Efficiency <math>\eta</math> [%]</b>	85
<b>Power factor (<math>\cos\phi</math>)</b>	0.93
<b>Insulation class</b>	F
<b>Protection class</b>	IP21S
<b>Weight [kg]</b>	11.5
<b>Dimensions [mm]</b>	400x195x270mm
<b>Standards</b>	CE , EN60974-1 , EN 60974-10

PRODUCT CATEGORIES: [MACHINES](#), [MIG](#), [WITH PULSATION](#)

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The products do not constitute an offer within the meaning of the Civil Code.