

MultiPRO-250-15-4



PATON MULTIPRO-250-15-4 inverter welding machine

– is a multifunctional device that ensures full operation in MIG/MAG, MMA, and TIG DC modes, allowing for the welding of a wide range of low-carbon, low-alloy, and high-alloy steels. Thanks to the built-in oscillator for non-contact arc ignition and the gas valve, the machine's capabilities in TIG DC mode are significantly expanded.



Processes



Input



Output



PARAMETERS

Rated voltage of the three-phase mains 50 / 60Hz, V	220/230
Rated current from each phase of the network, A	29,6–35,1
Nominal welding current, A	250
Maximum operating current, A	355
Duration of loading (LD), %	60% / 250A 100% / 193A
Power supply voltage change limits, V	160–260
Welding current regulation limits, A	12–250
Limits of regulation of welding voltage, V	12–28
Diameter of a welding wire, mm	0,6–1,2
Pulse modes for	MMA: 0,2–500 Hz; TIG: 0,2–500 Hz; MIG / MAG: 30–300 Hz
Rated power consumption, kVA	6,6–7,8
Overall dimensions, L×W×H, mm	360 × 260 × 270
Standards	EN IEC 60974-1
Protection class	IP 33
Insulation class	H
Operating temperature range	–25 ... +45°C
Wire feeder mechanism	4-roller with drive on all rollers
Maximum weight of the coil, kg	18

ADVANTAGES



FRONT CONTROLS



- 1 Digital display
- 2 Welding mode selection button
- 3 The regulator for selecting the functions (parameters)
- 4 Welding program selection button
- 5 Button for testing shielding gas supply (wire is not fed)
- 6 Button for adjusting the welding voltage on the wire feeder
- 7 The regulator for selecting the functions (parameters)
- 8 Digital display
- 9 Button for selecting functions of the wire feeder
- 10 Button for testing shielding gas supply (wire is not fed)
- 11 Power supply plug to the wire feeder
- 12 EURO type KZ-2 connector for connecting a semi-automatic torch
- 13 Connector for controlling torch buttons (TIG welding)
- 14 Socket for shielding gas supply to the torch (TIG welding)
- 15 Lifting protective cover for wire feeder compartment
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



APPLICATIONS

Welding a wide range of products both of lowcarbon and low-alloy steels and high-alloy steels in workshops, production shops, when manufacturing and assembling metal constructions.



COMPLETE SET

- 1 — The ABITIG 26 TIG torch, 4 m
- 2 — MIG/MAG torch ABICOR BINZEL, 3 m
- 3 — Welding cables with electrode holder and «ground» terminal, ABICOR BINZEL
- 4 — The quick-release nipple for a gas hose
- 5 — Set of rollers for 4 diameters of steel and 2 diameters of aluminum wire
- 6 — The shoulder-carry belt

