

ProMIG-200-15-2 ProMIG-250-15-2 ProMIG-250-15-4



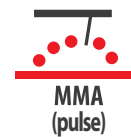
5 year warranty

INVERTER DIGITAL MIG/MAG MACHINES PATON PROMIG-200/250

of the Professional series are designed for direct-current gas-shielded welding in MIG/MAG, MMA and TIG modes. These PATON ProMIG welding machines are designed for professional use. The welding current source can be used separately from the wire feeding unit in order to provide ease of operation in MMA and TIG modes and provide compliance of the machine with safety requirements in some welding cases. These machines are operation from a 230V single-phase power supply, have a protection rate IP33 protection class and a duty cycle of 70%.



Process



Input



Output



PARAMETERS:

	ProMIG-200-15-2	ProMIG-250-15-2	ProMIG-250-15-4
Rated voltage of mains 50/60Hz, V	220/230	220/230	220/230
Rated mains current, A	23 - 27	29.5 - 35	29.5 - 35
Rated welding current, A	200	250	250
Maximum operating current, A	270	335	335
Duty cycle, %	70% / 200A 100% / 167A	70% / 250A 100% / 208A	60% / 250A 100% / 193A
Power supply voltage range, V	160 - 260	160 - 260	160 - 260
Welding current control range, A	10 - 200	12 - 250	12 - 250
Welding voltage control range, V	12 - 26	12 - 28	12 - 28
Coil weight, kg		18	
Diameter of an electrode, mm	1.6 - 5.0	1.6 - 6.0	1.6 - 6.0
Welding wire diameter, mm	0.6 - 1.0	0.6 - 1.2	0.6 - 1.2
Standards		EN IEC 60974-1	
Protection class		IP33	
Insulation class		H	
Operating temperature range		-25 ... +45°C	
Idling voltage, V		12/75	
Arc striking voltage, V		110	
Rated power consumption, kVA	5.1 - 6.1	6.6 - 7.8	6.6 - 7.8
Maximum power consumption, kVA	7.5	9.5	9.5
Cooling		Adaptive	
Dimensions, mm (length, width, height)		360x260x270	
Weight, kg	13.2	13.2	14.0
Wire feeder mechanism	2 roller	2 roller	4 roller
Maximum weight of the coil, kg		18	

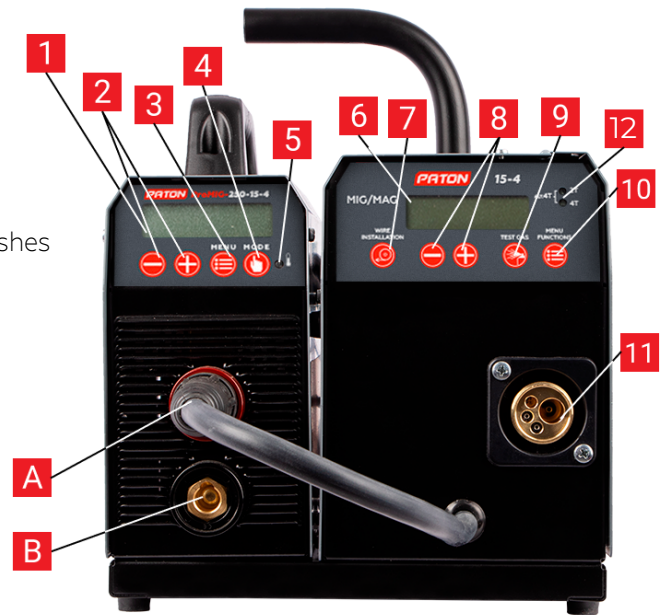
ADVANTAGES



FRONT CONTROLS



- 1 Digital display
 - 2 Buttons for adjusting the selected parameter to decrease and increase
 - 3 Source function selection button in the used welding mode
 - 4 Welding mode selection button: MMA, TIG, MIG/MAG
 - 5 Unit overheating indicator: normal – OFF, when overheated – flashes
 - 6 Digital display of the wire feeder
 - 7 Wire threading button (no gas is supplied)
 - 8 Buttons for decreasing and increasing parameters
 - 9 Button for testing shielding gas supply (wire is not fed)
 - 10 Button for selecting functions of the wire feeder
 - 11 EURO type KZ-2 connector for connecting a semi-automatic torch
 - 12 Torch button mode indicators (mode 2T/4T/alt.4T)
- A Bayonet-type power current socket "+"
B Bayonet-type power current socket "-"



APPLICATIONS

- welding of ferrous and non-ferrous metals in professional workshops and production shops enterprises specializing in the manufacture of various metal products;
- welding in professional automotive service centers, and enterprises for the repair of automotive and agricultural.



COMPLETE SET



- 1 – Welding cables with ABICOR BINZEL electrode holder and «ground» terminal
- 2 – Belt for carrying the machine on the shoulder
- 3 – ABICOR BINZEL MIG/MAG torch
- 4 – Set of rollers for 4 diameters of steel welding wire and 2 diameters of aluminum wire (for ProMIG-250-15-4), and a union for quick-release connection of a gas hose

