



STANDARD SERIES



DIGITAL INVERTER MIG/MAG MACHINES PATON «STANDARD» SERIES are designed for direct current welding of a wide range of materials in MIG/MAG, MMA and TIG modes with the PULSE function for each of these modes. These machines are powered by a single-phase 230V network and provide good duty cycle at their rated current of 160A, 200A and 250A, respectively. PATON MIG/MAG machines of the «Standard» series are distinguished by the ratio of small overall characteristics with high rated current, high work performance and reliability.



Properties and advantages:

- Extensive possibilities of adjustment of welding parameters:
 - in the mode of «MMA» – 1 (basic) + 10 (additional);
 - in mode «TIG» – 1 (main) + 4 (additional);
 - in MIG / MAG mode – 2 (main) + 9 (additional);
- Possibility to adjust to PULSE mode in MMA, TIG and MIG/MAG welding modes;
- The microelectronics of the welding current source are placed in a separate compartment;
- Separate closed compartment for coil with welding wire.
- Convenient torch connection (KZ-2 EURO type socket).



5 years
warranty

STANDARDMIG-160 • 200 • 250

DC MMA/TIG/MIG/MAG

CHARACTERISTICS:

PARAMETERS:	StandardMIG-160	StandardMIG-200	StandardMIG-250
Rated supply voltage 50Hz, V	230	230	230
Rated mains current, A	18 - 21	23 - 27	29,5 - 35
Rated welding current, A	160	200	250
Maximum operating current, A	215	270	335
Power supply voltage range, V	160 - 260		
Duty cycle	45% at 160A 100% at 107A	45% at 200A 100% at 134A	45% at 250A 100% at 167A
Welding current control range, A	8 - 160	10 - 200	12 - 250
Welding voltage control range, V	12 - 24	12 - 26	12 - 28
Wire feed speed control limits, m / min	2,0 - 16		
Hot Start Function	Adjustable		
Arc-Force Function	Adjustable		
Anti-Stick Function	Automatic		
Idling voltage, V	12/75		
Arc striking voltage, V	110		
Rated power consumption, kVA	4,1 - 4,7	5,1 - 6,1	6,6 - 7,8
Maximum power consumption, kVA	5,9	7,5	9,5
Cooling	Adaptive		
Standards	EN IEC 60974-1		
Insulation class	H		
Overall dimensions, LxWxH, mm	420 x 245 x 300		
Weight, kg	11,0	11,2	11,5
Protection class	IP 33		

DELIVERY SET StandardMIG-160/200/250:

Set of rollers for 4 diameters of welding wire and a union for quick-release connection of a gas hose

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

ABICOR BINZEL MIG/MAG torch

PATON branded corrugated box



COMPLETE