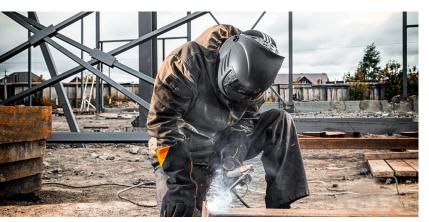
PRO-160 · 200 · 250



DIGITAL WELDING INVERTERS PATON OF

PROFESSIONAL SERIES – professional machines designed for welding in MMA, TIG, and MIG/MAG modes. Thanks to adjustable additional parameters and LCD display, the machine is easy to adjust to any welding task. The increased protection class IP33 and high duty cycle (70%) make these machines the best choice for professional welders. Thanks to the function of the current-voltage characteristic slope changing, the machines can weld with electrodes with any type of coating.



PARAMETERS





MMA

(pulse)

Processes



MIG/MAG

TIG DC

(pulse, LIFT)

	PRO-160	PRO-200	PRO-250	
Rated mains voltage, 50 Hz, V	220	220	220	
Rated current consumption from the mains, A	18-21	23-27	29,5-35	
Nominal welding current, A	160	200	250	
Maximum operating current, A	215	270	335	
Duration of loading (LD), %	70% / 160A 100% / 134A	70% / 200A 100% /167A	60% / 250A 100% / 193A	
Power supply voltage range, V	160 260	160 260	160 260	
Welding current control range, A	8 160	10 200	12 250	
Diameter of a stick electrode, mm	1,6 – 4,0	1,6 – 5,0	1,6 - 6,0	
Hot-Start Function		Adjustable		
Arc-Force Function		Adjustable		
Anti-Stick Function		Automatic		
Idle Voltage, V		12/75		
Arc Ignition Voltage, V	110			
Rated power consumption, kVA	4.0 4.6	5.0 6.0	6.9 7.9	
Maximum power consumption, kVA	5,8	7,4	9,4	
Efficiency, %		92		
Cooling		Adaptive		
Overall dimensions, LxWxH, mm		330x115x262		
Weight, kg	5.4	5.6	5.7	
Standards		EN IEC 60974-1		
Insulation class		Н		

ADVANTAGES

WORK FROM



















FRONT CONTROLS

ERI

- 1 Digital display
- 2 Buttons for adjusting the selected parameter to decrease and increase
- ³ Function selection button in the current welding mode
- 4 Welding mode selection button MMA,TIG, MIG/MAG
- 5 Unit overheating indicator
- 6 Source circuit breaker
- 7 Power supply cable
- 8 Connector for feeding signals from the wire feeder to turn the source on and of
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"





- professional and industrial welding works;
- production and installation of various metal structures;
- pipelines welding;
- welding in construction.



COMPLETE SET

- 1 Welding cables with ABICOR BINZEL electrode holder and «ground» terminal
- $\mathbf{2}-\mathsf{Belt}$ for carrying the machine on the shoulder
- **3** PATON branded plastic case





FULLY COMPATIBLE WITH PATON FEEDER MACHINES





