

PRO-160 · 200 · 250



5 years
warranty

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.



Processes



Input



Output



PARAMETERS

	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	6.5 ... 7.7
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		H	
Protection rating		IP33	

ADVANTAGES



FRONT CONTROLS



- 1 Welding mode selection button
- 2 The regulator for selecting the functions (parameters) of the current mode
- 3 Digital display
- 4 Welding program selection button
- 5 Connector for feeding signals from the wire feeder to turn the source on and off
- 6 Source circuit breaker
- 7 Power supply cable
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



APPLICATIONS

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



COMPLETE SET

- 1 — Welding cables with electrode holder and «ground» terminal
- 2 — Belt for carrying the machine on the shoulder
- 3 — PATON branded plastic case



FULLY COMPATIBLE WITH PATON FEEDER MACHINES

