ECO-160 · 200 · 250



PATON INVERTER WELDING MACHINES OF THE

ECO SERIES are intended for direct current welding in the MMA mode of a wide range of materials by means of the corresponding type of coated electrodes. Due to their compactness, ease of use, and high productivity, these devices meet the most common requirements of a wide range of welders — from beginners to professionals.





Input

Output







Processes



PARAMETERS

	ECO-160/ ECO-160-C	ECO-200/ ECO-200-C	ECO-250/ ECO-250-C
Rated power supply voltage, V	220	220	220
Rated current consumption from the mains phase, A	20	25	32
Rated welding current, A	160	200	250
Maximum operating current, A	190	240	300
Operating load factor (LD), %	40 %/at 160 A 100 %/at 101 A	40 %/at 200 A 100 %/at 126 A	40 %/at 250 A 100 %/at 158 A
Power supply voltage range, V	170 260	170 260	170 260
Welding current control range, A	20 160	25 200	32 250
Diameter of a stick electrode, mm	1,6 - 4,0	1,6 - 5,0	1,6 - 6,0
Hot-Start Function	Automatic		
Arc-Force Function	Automatic		
Anti-Stick Function	Automatic		
Idle voltage, V	up to 80		
Arc ignition voltage, V	110		
Rated power consumption, kVA	4,4	5,5	7,0
Maximum power consumption, kVA	5,5	6,9	8,8
Protection rate Protection rate	IP21		
Standards	EN IEC 60974-1		
Insulation class	Н		
Cooling	Forced		
Overall dimensions, LxWxH, mm	200 x100 x 260	270 x 110 x 270	270 x 110 x 270
Weight, kg	3,7	4,0	4,3

ADVANTAGES



















FRONT CONTROLS

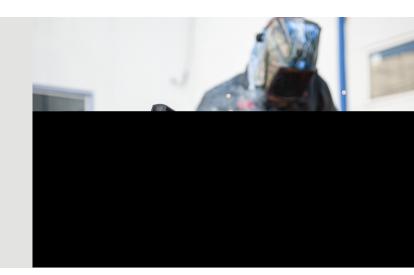
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- 1 Digital seven-segment display
- 2 Regulator of welding current
- 3 Power supply status indicator
- 4 Unit operation indicator
- 5 Mains breaker
- 6 Power supply cable
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



APPLICATIONS

- welding both in everyday life (residential buildings and country sites, garage workshop) and for professional use (installation and repair of pipelines, heating systems, etc.);
- manufacture and installation of steel frames;
- welding in construction.



COMPLETE SET



- ${f 1}$ Welding cables with ABICOR BINZEL electrode holder and «ground» terminal
- 2 Belt for carrying the device on the shoulder
- **3** Branded case PATON (for ECO-160-C/200-C/250-C)





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