

# StandardMIG-270-400V StandardMIG-350-400V



3 years warranty

**PATON INDUSTRIAL INVERTER MIG/MAG MACHINES OF THE "STANDARD" SERIES** are designed for direct current welding of a wide range of materials in MIG/MAG, MMA, and TIG modes. These devices are powered by a three-phase 380/400V network and provide a 55% duty cycle at their nominal current of 270A and 350A, respectively. The bracket makes it possible to install coils with wire weighing up to 18 kg, which are placed in a separate closed compartment, which ensures protection of the wire from dirt, and a reliable feeding mechanism guarantees stable wire feeding through the torch channel, up to 5 meters long.



## Processes



## Input



## Output



## PARAMETERS

	StandardMIG-270	StandardMIG-350
Rated supply mains voltage 50Hz, V	3x380 / 3x400	3x380 / 3x400
Rated input current from mains, A	12 ... 14	16 ... 18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Voltage variation limits of mains voltage, V	±15%	
Duty cycle (DC), %	55%/при 270A 100%/при 200A	55%/при 350A 100%/при 260A
Rated supply mains voltage 50Hz, V	12 ... 270	14 ... 350
Rated input current from mains, A	12 ... 29	12 ... 30
Wire feed speed control limits, m/min	2,0 ... 16	
Standards	EN IEC 60974-1	
Protection class	IP21	
Insulation class	H	
Operating temperature range	-25 ... +45°C	
Arc ignition voltage, V	110	
Rated input power, kVA	8,0 ... 9,4	10,7 ... 12,3
Maximum input power, kVA	11,4	15,3
Cooling	Adaptive	
Dimensions, mm (length, width, height)	615 x 310 x 460	
Weight, kg	27,6	27,7
Wire feeder mechanism	2 roller	4 roller
Maximum weight of the coil, kg	18	

## ADVANTAGES



INDUCTION  
FUNCTION



WORK WITH  
WEAK POWER  
NETWORKS



OVERVOLTAGE  
PROTECTION



STORING PROGRAMS  
IN EACH WELDING  
MODE

2T/4T

TWO-STROKE /  
FOUR-STROKE MODE



LONG CABLES  
COMPATIBILITY

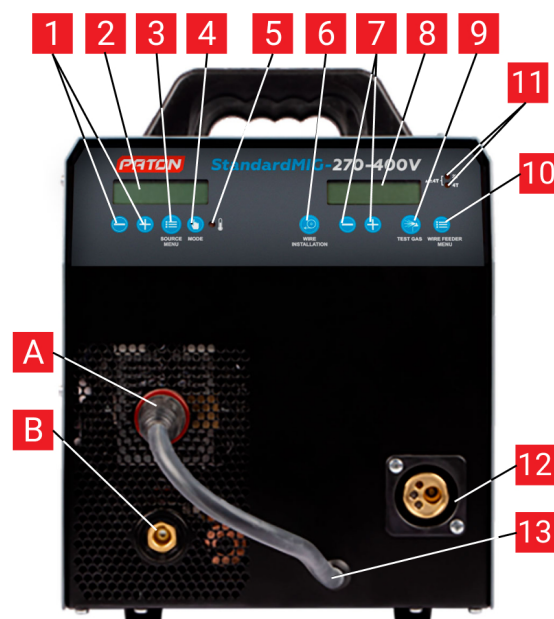


WORK FROM  
GENERATOR

# FRONT CONTROLS

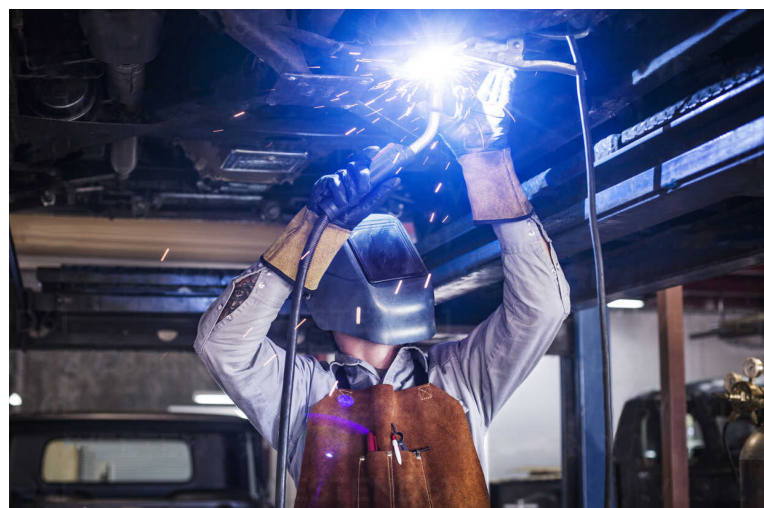


- 1 Buttons to adjust the selected parameter to decrease and increase
- 2 Digital display
- 3 Button for selecting the source function in the current welding mode
- 4 Button for selecting the welding mode
- 5 Machine overheat indicator
- 6 Wire-filling button (no gas supplied)
- 7 Buttons for adjusting parameters to decrease and increase
- 8 Digital display of the wire feeder
- 9 Safety gas check button (no wire feed)
- 10 Button for selecting functions of the wire feeder
- 11 Torch button mode indicators (2T/4T/alternative 4T modes)
- 12 KZ-2 EURO type connector for semi-automatic torch connection
- 13 Power supply plug to the wire feeder
- A Power socket "+" of bayonet type
- B Power socket "-" of bayonet type



# APPLICATIONS

They use for welding a wide range of products in professional workshops, production, and assembly shops in the manufacture of metal structures and other metal products up to 4 mm thick.



# COMPLETE SET



- 1 – Welding cables with ABICOR BINZEL electrode holder and «ground» terminal
- 2 – ABICOR BINZEL MIG/MAG torch
- 3 – Set of rollers for 4 diameters of steel welding wire and 2 diameters of aluminum wire (for StandardMIG-350-400V model), and a union for quick-release connection of a gas hose
- 4 – A set of wheels

