

# MultiPRO-270-15-4-400V

# MultiPRO-350-15-4-400V



## PATON INDUSTRIAL INVERTER WELDING DEVICES

**OF THE MULTIPRO SERIES** are multiprocess inverters with a digital control method. Designed for manual arc welding (MMA), argon-arc welding (TIG), and semi-automatic welding (MIG/MAG) in shielding gases and mixtures with rated currents 270A and 350A. They are powered by an industrial three-phase network 380/400V. The machines have a doublecase design, a powerful wire feeding mechanism, and the most complete delivery set of accessories for three welding modes.



## PARAMETERS

	MultiPRO-270-15-4-400V	MultiPRO-350-15-4-400V
Rated power supply voltage, V	380/400	
Rated current consumption from the mains phase, A	12,1–14,1	16,2–18,7
Rated welding current, A	270	350
Maximum operating current, A	350	450
Duty cycle (DC), %	70% / 270A 100% / 225A	70% / 350A 100% / 290A
Welding pulse modes	MMA: 0,2–500 Hz; TIG: 0,2–500 Hz; MIG / MAG: 30–300 Hz	
Power supply voltage range, V	±15%	
Welding current control range, A	12–270	14–350
Operating temperature range	–25 ... +45°C	
Arc ignition voltage, V	110	
Rated power consumption, kVA	8,0–9,4	10,7–12,3
Maximum consumption, power kVA	11,4	15,3
Protection rate	IP 33	
Cooling	Adaptive	
Overall dimensions, W×L×H, mm	540 × 360 × 400	
Standards	EN IEC 60974-1	
Insulation class	H	
Weight, kg	16,5	16,9
Wire feeder mechanism	4-roller with drive on all rollers	
Maximum weight of the coil, kg	18	

## ADVANTAGES

LONG CABLES COMPATIBILITY	WORK FROM GENERATOR	DOUBLE CASE	IGBT TECHNOLOGY	WORK WITH WEAK POWER NETWORKS	OVERVOLTAGE PROTECTION	STORING PROGRAMS IN EACH WELDING MODE	2T/4T TWO-STROKE / FOUR-STROKE MODE	INDUCTION FUNCTION	HF/LIFT IGNITION	PULSE

# FRONT CONTROLS



- 1 Digital display
- 2 Welding mode selection button
- 3 The regulator for selecting the functions (parameters) of the current mode
- 4 Welding program selection button
- 5 Button for testing shielding gas supply (wire is not fed)
- 6 Button for adjusting the welding voltage on the wire feeder
- 7 The regulator for selecting the functions (parameters)
- 8 Digital display
- 9 Button for selecting functions of the wire feeder
- 10 Button for testing shielding gas supply (wire is not fed)
- 11 Power supply plug to the wire feeder
- 12 EURO type KZ-2 connector for connecting a semi-automatic torch
- 13 Connector for controlling torch buttons (TIG welding)
- 14 Socket for shielding gas supply to the torch (TIG welding)
- 15 Lifting protective cover for wire feeder compartment
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



## APPLICATIONS

Welding a wide range of products both of lowcarbon and low-alloy steels and high-alloy steels in workshops, production shops, when manufacturing and assembling metal constructions.



## COMPLETE SET

- 1 – Welding cables (3 m) with electrode holder and «ground» terminal
- 2 – The ABITIG 26 TIG torch, 4 m
- 3 – MIG/MAG torch , 3 m
- 4 – The shoulder-carry belt
- 5 – Set of rollers for 4 diameters of steel and 2 diameters of aluminum wire, and the quick-release nipple for a gas hose

1



2



3



4



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