

StandardTIG-270 • 350



up to **3** years warranty

PATON STANDARDTIG-270-400V AND STANDARDTIG-350-400V ARGON ARC INVERTERS are designed for direct current welding in TIG, MMA, and MIG/MAG modes (combined with an external wire feeding unit). They are powered by a 380/400V network, equipped with a contactless arc ignition unit (oscillator) and an LCD screen with a multilingual interface. The PULSE function is present for two welding modes: MMA and TIG. The machines are supplied with a shock-resistant case for convenient transportation and storage.



Processes



Input



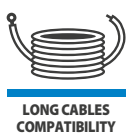
Output



PARAMETERS

	StandardTIG-270	StandardTIG-350
Rated power supply voltage, V	3x380 - 3x400	3x380 - 3x400
Rated current consumption from the mains phase, A	12 - 14	16 - 18.5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Power supply voltage range, V	±15%	±15%
Duty cycle (DC), %	70%/ 270A 100%/ 225A	70%/ 350A 100%/ 290A
Welding current control range, A	10 ... 200	12 ... 250
Pilot arc and crater filling current functions		+
Up- and downslope current functions		+
Shielding gas pre- and post-flow functions		+
Operating temperature range		-25 ... +45°C
Rated power consumption, kVA	7.9 - 9.3	10.6 - 12.2
Maximum power consumption, kVA	11.3	15.2
Cooling		Adaptive
Overall dimensions, LxWxH, mm	330 x 145 x 335	330 x 145 x 335
Weight, kg	10.1	10.9
Standards		EN IEC 60974-1
Protection class		IP 33
Insulation class		H

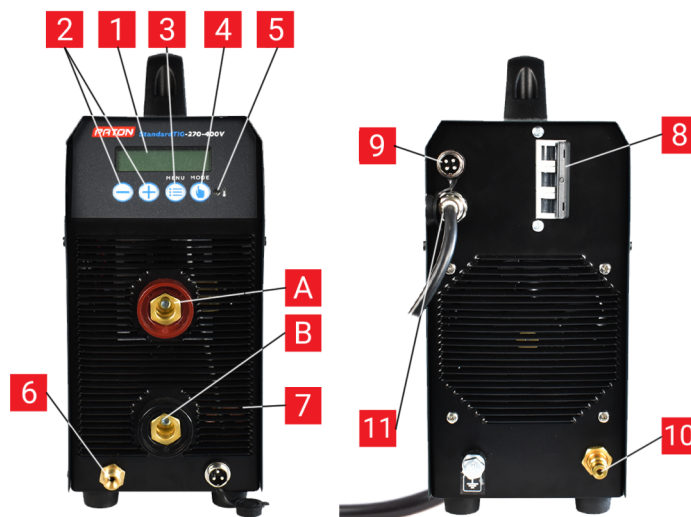
ADVANTAGES



FRONT CONTROLS

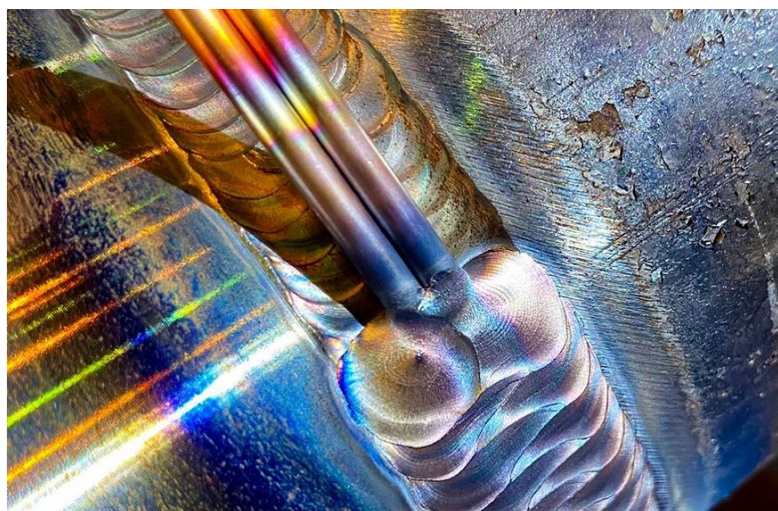


- 1 Digital display
- 2 Buttons for adjusting the selected parameter up and down
- 3 Source function selection button in the used welding mode
- 4 Welding mode selection button
- 5 Unit overheating indicator
- 6 Socket for shielding gas supply to the torch
- 7 Connector for controlling torch buttons
- 8 Button for turning the unit ON/OFF
- 9 Connector for feeding signals from the wire feeder to turn the source on and off
- 10 Connection for shielding gas supply from a gas bottle
- 11 Power supply cable
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



APPLICATIONS

The machines are used in private workshops, car service stations, and manufacturing enterprises for welding products made of non-ferrous metals and their alloys.



COMPLETE SET



- 1 – Belt for carrying the machine on the shoulder
- 2 – PATON branded corrugated box



FULLY COMPATIBLE WITH PATON FEEDER MACHINES

