

StandardTIG-270 StandardTIG-350

up to **3** years
warranty

PATON STANDARDTIG-270-400V

and STANDARDTIG-350-400V argon-arc inverters

are designed for welding with direct current in TIG, MMA, and MIG/MAG modes (when used with an external wire feeder). They are equipped with a non-contact arc ignition unit (oscillator) and feature pilot arc, smooth current ramp-up and down, shielding gas pre- and post-flow, as well as a PULSE function for each of the mentioned welding modes.



Processes



Input



Output



PARAMETERS

	StandardTIG-270	StandardTIG-350
Rated power supply voltage, V 220/230	3×380 – 3×400	
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%	
Duty cycle (DC), %	70% / 270A 100% / 225A	70% / 350A 100% / 290A
Welding current control range, A	12–270	14–350
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, L×W×H, mm	390 × 145 × 335	
Weight, kg	10,1	10,3
Standards	EN IEC 60974-1	
Protection class	IP 33	
Insulation class H	H	

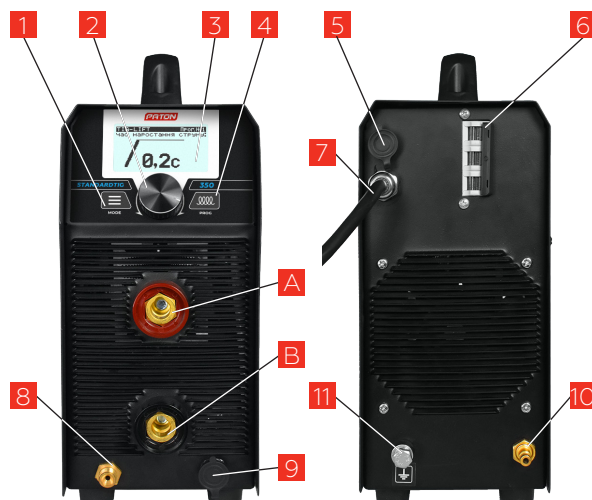
ADVANTAGES



FRONT CONTROLS



- 1 Welding mode selection button
 - 2 The regulator for selecting the functions (parameters)
 - 3 Digital display
 - 4 Welding program selection button (set of parameters previously set by the user)
 - 5 Connector for feeding signals from the wire feeder to turn the welding current source on and off
 - 6 Mains breaker
 - 7 Power supply cable
 - 8 Socket for shielding gas supply to the torch
 - 9 Connector for controlling torch buttons
 - 10 Connection for shielding gas supply from a gas bottle
 - 11 Location for connecting the grounding 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



Belt for carrying the device on the shoulder



FULLY COMPATIBLE WITH PATON FEEDER MACHINES

