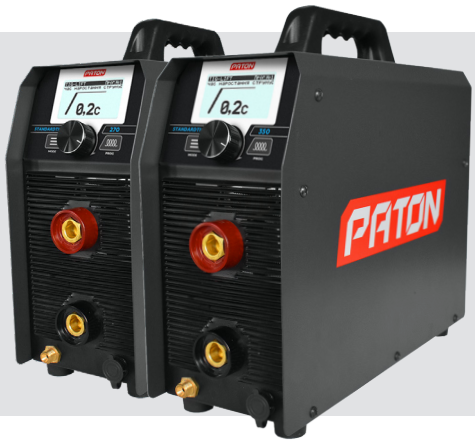
StandardTIG-270
StandardTIG-350

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

TIG DC (PULSE, LIFT, HF)

MMA (PULSE)

MIG/MAG (PULSE)

Input

3 phases

380 400 V

Output

DC

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

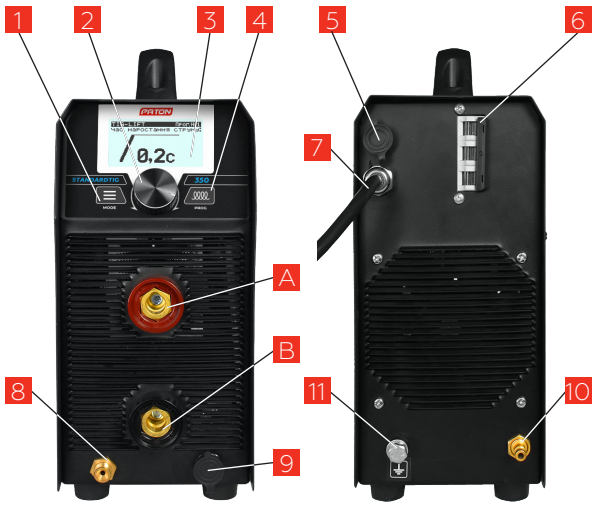
- LONG CABLES COMPATIBILITY
- WORK FROM GENERATOR
- HF/Lift — IGNITION
- IGBT — TECHNOLOGY
- WORK WITH WEAK POWER NETWORKS
- OVERVOLTAGE PROTECTION
- STORING PROGRAMS IN EACH WELDING MODE
- PULSE

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 "-"

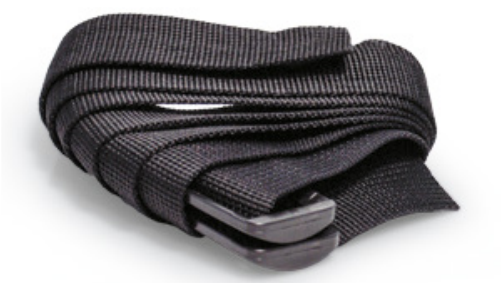


APPLICATIONS

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