

StandardTIG-200

StandardTIG-250

up to 5 years warranty

PATON STANDARDTIG-200 AND STANDARDTIG-250

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 220/230V network, equipped with a contactless arc ignition unit (oscillator). They have the PULSE function for each of the specified welding modes. The machines are supplied with a shock-resistant case for convenient transportation and storage.



PARAMETERS

	StandardTIG-200	StandardTIG-250
Rated power supply voltage, V 220/230	220/230	
Rated current consumption from the mains phase, A	25–28	29,5–35
Rated welding current, A	200	250
Maximum operating current, A	270	335
Power supply voltage range, V	160–260	
Duty cycle (DC), %	45% / 200A 100% / 134A	45% / 250A 100% / 167A
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	5,2–6,2	6,5–7,7
Maximum power consumption, kVA	8,1	9,4
Cooling	Adaptive	
Overall dimensions, L×W×H, mm	345 × 112 × 290	
Weight, kg	5,9	6,0
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) of the current mode
- 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 Button ON/OFF
- 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

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 – Welding cables with grounding terminal (for StandardTIG-200)
- 2 – TIG torch (for StandardTIG-200)
- 3 – Belt for carrying the device on the shoulder
- 4 – PATON branded plastic case



FULLY COMPATIBLE WITH PATON FEEDER MACHINES

