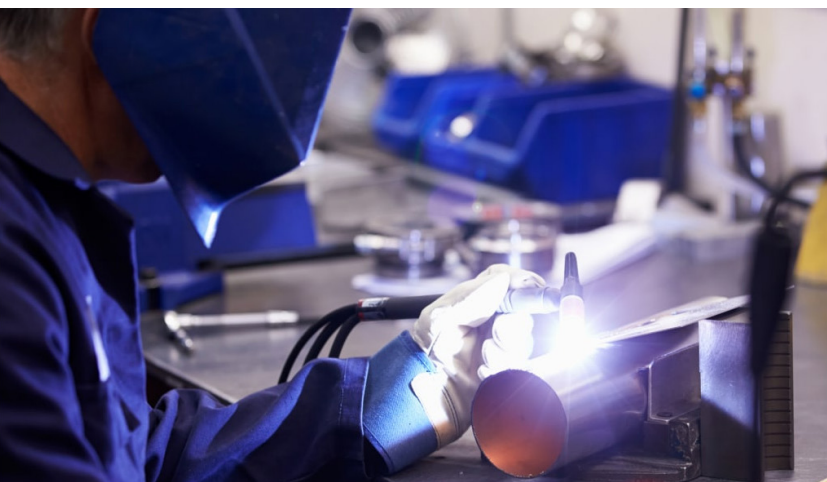


1 year
warranty



ProTIG-315-400V AC/DC WK

PATON PROTIG-315-400V WK is an industrial argon-arc welding kit, which is designed for welding thick-walled pieces of a wide range of non-ferrous and ferrous metals: aluminum and its alloys, copper, titanium, stainless steel, cast iron, and all grades of steel with both direct and alternate current up to 315 amperes. It works in TIG AC, TIG DC, TIG MIX, MMA AC/DC, SPOT modes and Double Pulse and TIG Lift functions. The machine has a color LCD screen and can store up to 10 sets of user-configured parameters for each welding mode.



Processes



Input



Output



PARAMETERS

Rated power supply voltage, V	380/400
Rated welding current, A	315
Welding current control range, A	25...315
Power supply voltage range, V	±10%
Duty cycle, %	DC 100% / 180A .. 40% / 315A AC 100% / 200A...50% / 315A
Contactless arc ignition	+
Welding current indication	+
Memorizing modes	+
Torch trigger mode, TIG AC/DC	2T, 4T
Starting current regulation, A	25...300
Regulation of current rise time, sec	0...15
Regulation of the downslope time, sec	0...25
Rated power consumption, kVA	13.5
Frequency of alternating welding current, Hz	15...120
Polarity balance when welding on alternating current, %	20...80
Standards	EN IEC 60974-1
Protection class	IP23
Insulation class	H

ADVANTAGES



REMOTE/PEDAL



TIG MIX



DOUBLE
PULSE



TWO-STROKE/
FOUR-STROKE
WELDING MODE



IGNITION

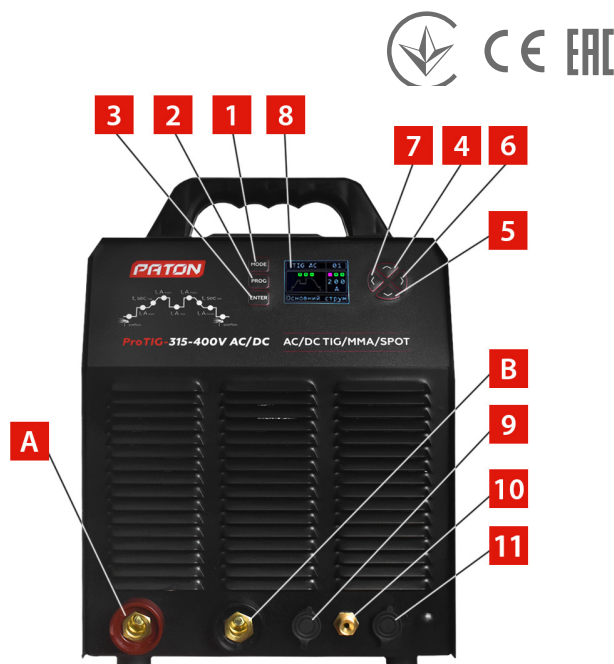


STORING PROGRAMS
IN EACH WELDING
MODE



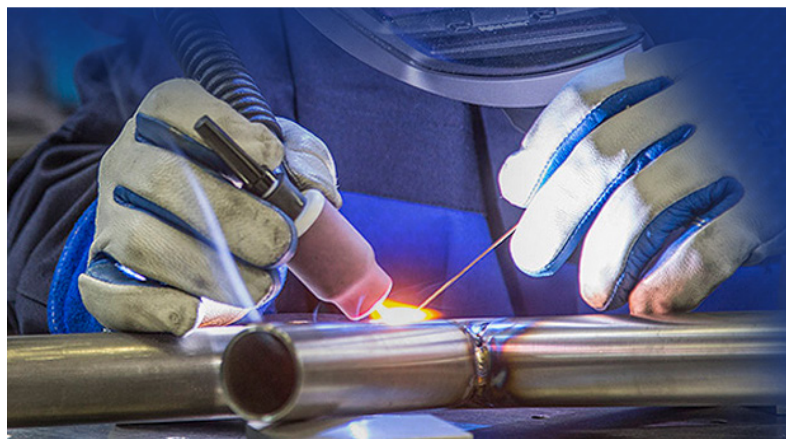
FRONT CONTROLS

- 1 Button "Mode" – switching welding mode
- 2 Button "Program" – selection of user program
- 3 Button "Enter" – saving the set up parameters of welding mode in memory of the device
- 4 Button "Up" – changing the parameter value (higher)
- 5 Button "Down" – changing the parameter value (lower)
- 6 Button "Right" – selection of welding parameter
- 7 Button "Left" – selection of welding parameter
- 8 LCD-screen
- 9 Socket for connection of torch button or pedal
- 10 Fitting for connection of gas hose on the torch
- 11 Coolant flow relay connector
- A Power socket, "+" (red colour)
- B Power socket, "-" (black colour)



APPLICATIONS

PATON ProTIG-315-400V WK is used for welding at the production companies of the food and chemical industry, truck fleets, repair shops, and industrial companies that produce goods using non-ferrous metals and their alloys.



COMPLETE SET

- 1 – Welding cable with ABICOR BINZEL ground terminal
- 2 – Liquid-cooled TIG torch ABICOR BINZEL (4 m)
- 3 – PATON Cooler-7S 400V
- 4 – PATON 315 TIG cart
- 5 – Welding control pedal WCP-321
- 6 – Quick-release connection for argon

