



PRO SERIES

PROFESSIONAL TIG INVERTERS PATON ProTIG SERIES are designed for welding a wide range of non-ferrous and ferrous metals: aluminum and its alloys, copper, titanium, stainless steel, cast iron, and all grades of steel both direct and alternating current. They work in four modes: TIG AC, TIG DC, MMA AC/DC, and SPOT. Equipped with a color LCD screen. The machines can store up to 10 sets of user-configured parameters for each welding mode.

Properties and advantages:

- Contact and contactless (by an built-in oscillator) arc starting.
- The possibility to provide the symmetry and frequency of welding current in the TIG AC welding mode.
- The setting of operating 2T and 4T modes of the torch button.
- The enhanced reliability of the welding unit in operation in dusty environment.
- Electronic thermal protection modules for protecting all the heat-generating components of the welding machine against overheating.

2T/4T

TWO-STROKE /
FOUR-STROKE
WELDING MODE



ADAPTIVE
COOLING

IGBT

TECHNOLOGY



REMOTE/PEDAL
CONTROL



AC/DC

TIG MIX



DOUBLE PULSE

HF/Lift

IGNITION



2 years
warranty

1 year
warranty

PROTIG-200 AC/DC • PROTIG-315-400V AC/DC TIG/MMA

TECHNICAL SPECIFICATIONS

PARAMETERS:	ProTIG-200 AC/DC	ProTIG-315-400V AC/DC
Welding modes	MMA AC/DC, TIG AC/DC, SPOT	
Rated power supply voltage, V	230	400
Rated welding current, A	200	315
Welding current control range, A	5 - 200	10 - 315
Power supply voltage range, V	190-260	±10%
Duty cycle	DC 100% at 126A/40% at 200A AC 100% at 140A/50% at 200A	DC 100% at 180A/40% at 315A AC 100% at 200A/50% at 315A
Idling voltage, V	65 - 80	65 - 80
Contactless arc ignition		+
Welding current indication		+
Memorizing modes		+
Torch button mode in TIG AC/DC modes		2T / 4T
Starting current regulation, A	5 - 185	10 - 300
Regulation of current rise time, sec		0 - 15
Regulation of the downslope time, sec		0 - 25
Rated power consumption, kVA	6,3	13,5
Frequency of alternating welding current, Hz	15 - 200	15 - 70
Standards	EN IEC 60974-1	
Insulation class		H
Polarity balance TIG AC mode, %	15 - 90	15 - 90
Overall dimensions, WxLxH, mm	492 x 199 x 352	561 x 288 x 387
Weight, kg	12,5	23,0
Protection class	IP23	

DELIVERY SET ProTIG-200/315-400V AC/DC

ABICOR BINZEL TIG torch

Welding cable with
ABICOR BINZEL
«ground» terminal

Quick-release pneumatic
connector

PATON branded
corrugated box



COMPLETE