

MONOTIG 220ip AC/DC



Properties

- Operates with 1 Phase 230V-50/60 Hz mains voltage and generators, tolerates voltage fluctuations up to 15%. Extra protection against extremely high or low supply voltages.
- Due to inverter technology, energy efficiency is higher than the conventional machines.
- TIG arc ignition by HF or Lift TIG.
- Excellent welding of thin metals due to very stable low current performance and pulse abilities.
- Advanced TIG settings; Pre-Gas, Slope-Up, Welding Current, Pulse Frequency and Width, Slope-Down, Post-Gas and Crater Filling.
- Due to its coldTIG feature (only in DC mode), burr-free, high quality, bright welding seams are obtained.
- Offers 100 JOB memory.
- Interval timer for spot welding.
- 2/4 Triggering and Current Control via torch and foot pedal.
- Welding parameters are monitored on the digital display.
- Excellent welding characteristics for rutile and basic electrodes.
- Advanced Stick Electrode options; Hot Start for easy ignition, Arc Force for arc stability, Anti Stick to prevent electrode sticking.
- VRD for hazardous environments such as mines.
- Stable welding current without loss of performance due to electric line fluctuations or with long welding and electrical cables.
- Portable design, withstands tough working conditions.
- Fan cooling and thermal protection against overheating.
- Standard accessories come with the machine.

Technical Specifications

Power Source

Mains Voltage (1Ph)

230

V

Input Power (MMA)	9,2 (%15)	kVA
Input Power (TIG)	8,05 (%20)	kVA
Power Source Efficiency	MMA 84,52 / TIG 81,87	%
IDLE State Power Consumption	30	W
Welding Current Range	3 - 220	ADC
Nominal Welding Current	220 (%20)	ADC
Open Circuit Voltage	87	VDC
Electrode Diameter	2.00 - 5.00	mm
Tungsten Electrode Diameter	1.00 - 2.40	mm
Dimensions (l x w x h)	529 x 221 x 395	mm
Weight (Net)	16.5	kg
Cooling Type	Hava	
Protection Class	IP21	

Standard Accessories

Accessories Picture	Code	Name	
	7905201603	EARTH CLAMP and CABLE	Standard
	7907000002	Gas Hose	Standard

