

EN II SERIES

DC Inverter TIG/MMA Welding Machine With Pulse

Features

- ◆ Portable Inverter DC HF TIG / MMA Welder With Pulse
- ◆ New Generation IGBT Inverter Technology
- ◆ Pulse TIG; provides minimized heat input and faster freezes weld puddle that gives perfect welding solutions even on thin materials with perfect bead appearance
- ◆ Ideal for welding of carbon steels, low-alloy steels, stainless steels & alloys
- ◆ Able to save and re-load the saved welding parameters
- ◆ Water cooling system can be used.
- ◆ Built-in Anti-Sticking;
- ◆ Hot start, Arc Force for MMA welding.
- ◆ Equipped with voltage protection and thermal protection
- ◆ Easy-to-use and user-friendly control panel
- ◆ Digital Display
- ◆ Welding Mode (DC HF TIG / LIFT TIG/MMA), Pulse TIG and 2T/4T selections
- ◆ Adjustable & displayable gas pre-flow/post flow, ignition/ base/peak
- ◆ Stepless welding current setting procedure parameters.
- ◆ Power, Overload and Under/Over-Voltage LED indicators
- ◆ European type quick connectors
- ◆ Fan cooling system
- ◆ IP23 Protection Class



TIG Torch With Controls



Main Technical Parameter

	YTIG-200P EN-II	YTIG-300P EN-II
Control method	IGBT Controlled Pulse DC TIG/MMA Welding Machine	
Input voltage (Volt)	AC220V±10%	AC220V±10% 2P/3P*415V±10%
Frequency (Hz)	50/60	50/60
Rated input capacity-TIG (KVA)	7.4	15
Rated input capacity-MMA (KVA)	33.5	20
Maximum no-load voltage (Volt)		DC 68
Output current adjustable range (Amp)	10-200	15-300
Rated output current (Amp)	200 Amp@60% duty cycle 150 Amp@100% duty cycle	300 Amp@60% duty cycle 230 Amp@100% duty cycle
Upslope time adjustable (sec)	0-2	0-2
Downslope time adjustable (sec)	0-6	0-6
Pulse current adjustable (Amp)	10-200	15-300
Pulse duration adjustable (%)	30-70	30-70
High frequency adjustable (Hz)	16-100	16-100
Low frequency adjustable (Hz)	0.5-15	0.5-15
Pre-flow time adjustable (sec)	0-1.5	0-1.5
Post-flow time adjustable (sec)	0.5-8	0.5-8
Efficiency (%)	85	85
Insulation class	H	H
Plate thickness weldable (mm)	MS/SS Up to 3.0 mm	MS/SS Up to 6.4 mm
Enclosure protection	IP23	IP23
Dimension(LxWxH)	472X185X340	495X225X395
Weight (Kg)	10	17