

GTW Series

AC/DC TIG INVERTER

PRECISION/HF/PULSE



Features:

- The welder produced with advance inverter technology is a new variety of welding machine using IGBT.
- It has performance and high efficiency that the traditional welder can not be compared with.
- Triple functional machine used as DC MMA, AC TIG, DC TIG (PULSE TIG) welder.
- The welding current is stable. The welding current (pulse current), base current, pulse frequency and pulse width ratio is all infinitely and independently adjustable and step less adjustable.
- All ferrous metal, copper, aluminum, stainless steel can be omni bearing welding in all position.
- The welding seam is nice, few spatters and low noise occurs during welding.
- The welder has out standing feature of minimum current. The minimum current can be up to 20Amp. The maximum current can reach 400Amp.
- Protection measures of the welder are perfect. It has the function of over-heating & over-current protection.
- It is particularly suitable skill for training centers, building, shipyards and petrochemical industry.



KUMAI Specialties:

- Built for tough use, suits for skill training institutes, heavy industries where multiple operators using the machines
- Designed to suits hot and high humidity environment
- Come with 2 years full warranty from manufacturer

Model	GTW-315 AC/DC	GTW-400 AC/DC
Input Voltage	415V / 3Ph / 50Hz	415V / 3Ph / 50Hz
Input Power	10 kVA	12kVA
Open Circuit Voltage	70V	70V
Welding Current Range	20-315A	20-400A
Pulse Frequency Range	0.5-25Hz	0.5-25Hz
Pulse With Range	0.1-0.9	0.1-0.9
Current Up-slope Time	0-10S	0-10S
Current Down-slope Time	0-10S	0-10S
AC Frequency Range	20-100Hz	20-100Hz
SP Value (balance)	0.1-0.9	0.1-0.9
Arc Force Adjusting	MMA:0-10	MMA:0-10
Rate Duty Cycle	60% @ 315A	60% @ 400A
Gas Post Flow	1-25S	1-25S
Dimensions(mm)	520 x 260 x 540	515 x 260 x 555
Weight	37kg	48kg

Your Reliable Alternative



OPERATION



Kumai Industri Sdn Bhd Selangor, MALAYSIA www.kumai.com.my		KUMAI [®]	
Model:	No: [REDACTED]		
		EN / IEC60974.1	
		20A / 20.8V ~400A / 36V	
	U ₀ V	I ₂	I ₁
	70	400A	315A
	U ₂	I ₂ max A	I ₁ max A
	36V	34.8	28
	U ₁ V	I ₁ max A	I ₁ max A
3 ~50/60Hz	400/415	34.8	28
IP21S	Cooling mode: fan cooling	Insulation Grade: F	

Inverter technology, high precision, safe, stable and accurate arc welding reliability.

TIG Welding:

- Gas Tungsten Arc Welding
- Min thickness welding plate for light work.
- Quality result of welding

MMA Welding:

- The hot start, Arc Force function adjusted make welding easier, more enhance its quality even with very tricky electrodes
- Powerful current and outstanding dynamic response allow weld all ferrous metal, aluminum and stainless steel material in all position.

Standard Accessories :

- Electrode Holder
- Air cooled TIG torch
- Welding clamp include cable and disne
- Argon Regulator
- Trolley (Optional)



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