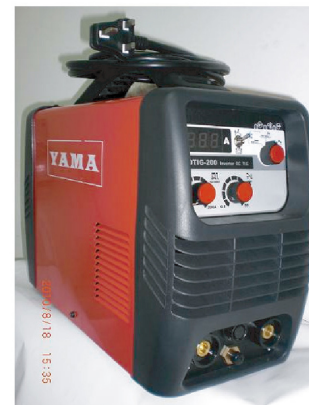


## Welding Equipment

Model	HANDY TIG-200S
Input power (V)	230
Rated input current (A)	25
Rated input capacity (KVA)	5.5
Output open circuit voltage (V)	60
Welding current adjustment range TIG (A)	5-200
Welding current adjustment range STICK (A)	5-180
Rated output (A)	40%@200
Weight (Kg)	9.5
Packing dimensions (mm)	425x230x265
Cod.	9.31.009



Model	PROTIG-200
Input power (V)	230
Rated input capacity (KVA)	4.5
Output open circuit voltage (V)	65
Welding current adjustment range (A)	10-200
Duty cycle at 60% welding current (A)	200
at 100% welding current (A)	155
Weight (Kg)	11
Packing dimensions (mm)	440x280x380
Cod.	9.32.009



Model	EconoARC 160	EconoARC 200
Input power (V)	1 Phase 220 ± 15%	
Rated input current (A)	24	32
Rated input capacity (KVA)	5.3 (6.2)	7.1 (6.7)
Rated open circuit voltage (V)	56	62
Welding current adjustment range (A)	20-160	20-200
Rated output (A)	60% @ 160	60% @ 200
Weight (Kg)	8	8.5
Electrode diameter (mm)	1.6 - 3.2	1.6 - 4.0
Packing dimensions (mm)	375x155x232	



# YAMAHA



DC TIG Series

Industrial Welder



TIG200A

TIG300A

TIG315PAC/DC

## Technical Parameter

Items	TIG-200A	TIG-300A	TIG-315PACDC
Input Voltage (V)	AC220V(1P)±15%	AC220V(1P)±15%	AC415V(3P)±15%
Input Frequency (Hz)	50/60	50/60	50/60
Rated input power capacity (KVA)	4.6	8.3	8.9
Rated input current (A)	17	12.5	19
Rated output current	200	300	315
Output current range (A)	10 ~ 200	10 ~ 30	15 ~ 315
Arc force (A)	----	0 ~100	0 ~ 10
No-load Voltage (V)	56	55	45
Pre-flows(S)	0 ~ 10	0 ~ 10	0 ~ 2
AC Output frequency (Hz)	60	60	60
Clean width (%)	----	----	20 ~ 80
Slope-Down time (S)	----	0 ~5	0 ~ 10
Post -flow time (S)	----	1 ~ 10	0 ~ 10
Base current (A)	----	----	10 ~ 90
Pulse frequency (Hz)	----	----	0.5 ~ 300
Pulse duty cycle (%)	----	----	10 ~ 90
Remote control	No	No	Yes
Arc-starting	HF vibration	HF vibration	HF vibration
Duty cycle(%)	60	60	60
Efficiency (%)	85	85	85
Power factor (COS φ)	0.93	0.93	0.93
Insulation class	B	B	B
Protection class	IP23	IP23	IP23
Welding thickness (mm)	0.5 ~ 10	0.3 ~ 12	0.5 ~ 15
Dimension (mm)(L×W×H)	371×153×299	480×203×368	565×331×512
Weight (kg)	8	21.5	35.8

# TIG315A

Portable solution for professional welding

my  
Artificer  
my welder

**YAMA**



Accessories included



Medium Duty



Thermostic Control



Fan



Inverter



Direct Current



Three Phase

## Parameter

Model	Rated Input(V)	Frequency(Hz)	Rated Input Current(A)	No-Load Voltage(V)
TIG315A	3P AC380V±15%	50/60	18.4/12.7	68
Output Current Range(A)	Rated Output Voltage(V)	Duty Cycle(%)	No-Load Loss(W)	Efficiency(%)
10--300	32/22	60	40	85
Power Factor	Insulation Grade	Protection Grade	Weight(Kg)	Dimension(mm)
0.93	F	IP 21	19	505*203*375

## Product Speciality

- Adopts advanced inverter technology, portable and durable, reliable and economical.
- Good performance with automatic compensation for voltage fluctuation.
- Idea for light fabrication, pipe and high pressure vessels, repair and maintenance.
- Application for stainless steel, carbon steel, alloy steel and copper