



TIG SERIES

PULSE TIG

TIG315D



WS = TIG



TIG200P



TIG200



TIG400D



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Parameter

Parameter\Model	TIG200P	TIG200M	TIG315D	TIG400D
Input Voltage(V)	AC220±15%	AC220±15%	AC380±15%	AC380±15%
Frequency(HZ)	50/60	50/60	50/60	50/60
Rated Input Current(A)	43/28	43/28	19.7/13.6	27.6/20
No-load Voltage(V)	56	56	51	68
Output Current Range(A)	10-200	10-200	20-315	20-400
Rated Output Voltage(V)	28/18	28/18	32.6/22.6	36/26
Duty Cycle(%)	60	60	60	60
No-load Loss(W)	40	40	100	100
Arcing Way	HF	HF	HF	HF
Efficiency(%)	80	80	85	85
Power Factor	0.73	0.73	0.93	0.93
Insulation Grade	F	F	F	F
Post-flow(S)	1-10	1-10	1-10	1-10
Vale value current(%)	-	10-90	10-90	10-90
Housing Protection Grade	IP21	IP21	IP21	IP21
Net Weight(kg)	9	13	29	29
Dimension(mm)	371x153x232	432x153x202	515x263x440	515x263x440

Product Purchase Guide:

Base Material	Plate Thickness(mm)	Welding Process	Current Range(A)	Applicable Model
Carbon steel, Stainless steel, Low-alloy steel	0.3-5.0	DC TIG	10-200	TIG200/TIG200P
	0.3-8.0	DC TIG	20-315	TIG315D
	0.3-12	DC TIG	20-400	TIG400D
Brass	0.5-0.4	DC TIG	20-315	TIG315
	0.5-5.0	DC TIG	20-400	TIG400D

Product Speciality

1. The multi-function design enables the machine to reach the requirement of welding for high quality.
2. Welding current, arc-start current, base current, welding current, rising time, down-slop time, crater current, post-flow time are all adjustable according to the operation requirement. (only TIG 200P has the functions of post-flow and down-slop time adjustment).
3. With the function of 2T/4T bringing great convenience for welders (TIG 200P doesn't have).
4. With several adjustment of the pulse, pulse current rising and falling speed are adjustable. Able to weld delicately welding seams. Especially suitable for the bicycle industry.
5. Using water-cooling torch, having high duty-cycle, very suitable for the mass manufacturing of the production lines (TIG 200P doesn't have).
6. With the functions of TIG and MMA. Capable to weld stainless steel, carbon steel, copper and other metals.

