

# PT-30

## Application

Aerospace industry 、 Pressure vessel industry  
 Pipe & tube fabrication  
 Medical instruments manufacturing

## Features

- Inverter technology for energy-efficient
- Thermal Overload Protection
- Multiple welding modes can be selected(Spot/Crater/Repeat)
- Pulse Function included, 3-stage switching pulse frequency
- 2T welding function for up/down slope
- PLC control connection support
- 0~10V analog interface available to welding current
- Complete plasma gas sequence control
- Pilot arc current 1-30A adjustable
- Abnormal signal warning design



## Specification

Input Power	V	220 V ,1/3Φ	Pre flow time	Sec	0.2~5
		380/415 V ,3Φ	Post flow time	Sec	2~15
Input voltage range	%	±15%	Pulse current	A	0~30
Input frequency	HZ	50&60	Pulse frequency	HZ	High: 1.3~500
Rated input capacity	KVA	11.42			Middle: 1.2~47
	KW	9.71			Low: 0.7~27
Rated output	V	DC ARC: 21.2	Pulse Ratio Width	%	1~99
		DC TIG: 21.2	Duty cycle	-	30A / 100%
	A	DC ARC: 30		-	-
		DC TIG: 30	Water cooler control	-	✓
Welding amperage range	A	DC ARC: 0~10	Clean	-	-
		DC TIG:0~30	Gas check	-	✓
Efficiency	%	85	Crater control	-	Crater/ Repeat
Open-circuit voltage	V	75±10	Insulation class	-	H
Up slope	Sec	0.2~10	Protection class	-	IP21S
Down slope	Sec	0.2~10	Dimension (W*D*H)	mm	386*716*643
Spot time	Sec	0.2~10	Net Weight	kg	55

