

# DIFFUSION

Innovative superconditioning solutions

## DIFFARC RANGE AC / DC PULSE TIG

3  
Phase

50  
60 Hz

DC

CE

CCC

### DW 315 P AC/DC



### PRODUCT SPECIALITY

#### DW315 P AC/DC

1. Multi-fuction: AC/DC TIG and AC/DC pulse TIG.
2. With special AC control electro circuit. AC current is ranging from 5 A to 315A. Good arc concentration guarantees the beautiful welding performance.
3. The frequency of the pulse ranges from 0.5 to 50 HZ. Pulse peak, base current, Vale Value Current and width of clean pulse are adjustable.
4. Arc-start current, crater current, current rising and down-sloping are all adjustable.
5. With the fuction of 2T/4T making the welding operation more convenient.
6. Complete protection against phase-missing, over voltage, low voltage, over current, over heat.
7. With connectors for remote control. The customers can choose pedal to adjust current.
8. The first and second inverters are placed on two different levels. Duct-proof, reliable and easy for maintenance.
9. Able to work even the power line is not stable. Applicable for input voltage from 380/V to 430V.
10. Saves power bill by 55% percent as compared to conventional machines.

# DIFFARC RANGE – AC/DC PULSE TIG

Parameter/Model	DW315P AC/DC
Input Voltage (V)	AC 415 ± 15%
Frequency (Hz)	50/60Hz
Rated Input Current (A)	12-13.6
No- Load Voltage (V)	51
Output Current Range (A)	5-315
Rated Output Voltage (V)	22.6
Duty Cycle (%)	60
Post flow (Sec)	2-10
Efficiency (%)	85
Arcing way	HF/Transfer
Power Factor	0.93
Insulation Grade	H
Suitable Plate Thickness (mm)	0.8-16.0
Housing Protection Grade	IP23
Net Weight (kg)	34
Dimensions (mm)	570x364x302
Standard Accessories	Water Cooled TIG Torch- 4Meters, Output cables; Holder & clamp, Cable Connectors

## DIFFUSION ENGINEERS LIMITED

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Work II : N-78 & N-79, M.I.D.C., Hingna Industrial Area, Nagpur 440 016. [t] 091-7104-236036

Work III : T-12, M.I.D.C., Hingna Industrial Area, Nagpur 440 016. [t] 091-7104-232984

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