

## DIFFARC RANGE TIG / MMA WELDING

### DW200TM

1  
Phase

50  
60  
Hz

DC

CE

CCC



### PRODUCT SPECIALITY

#### DW200TM & DW400TM

1. Digital display of welding current adjustment. Direct and convenient
2. Having the function of auto-protection against over-voltage and over-current.
3. Based on the inverter technology. With the function of TIG and ARC.
4. Easy to start the arc; with stable welding current; reacting fast; with no noise, little spatter and little magnetic bias to make welding seam beautiful.
5. Reliable and energy - saving. Convenient to take around with small dimension and weight.
6. Suitable for the welding of stainless steel, carbon steel, copper, etc.
7. Saves power bill by 55% as compared to convention machines.

### DW400TM

3  
Phase

50  
60  
Hz

DC

CE

CCC



# DIFFARC RANGE - TIG/MMA WELDING

Parameter/Model	DW200TM	DW400TM
Input Voltage (V)	AC 220 ± 15%	AC 415 ± 15%
Frequency (Hz)	50/60Hz	50/60Hz
Rated Input Current (A)	43/28	27.6/20
No –Load Voltage (V)	56	70
Output Current Range (A)	10-200	20-400
Rated Output Voltage (V)	28/18	36/26
Duty Cycle (%)	60	100*
No- Load Loss (W)	40	100
Arcing Way	Transfer/ HF	Transfer /HF
Efficiency (%)	80	85
Power Factor	0.73	0.93
Insulation Grade	H	H
Housing Protection Grade	IP23	IP23
Net Weight (kg)	9	29.5
Dimensions (mm)	375x155x232	550x280x545
Recommended Plate thickness (mm)	ARC: 1.0-6.0 TIG: 0.3-5.0	ARC: 2.0-16.0 TIG: 0.5-12.0
Standard Accessories	TIG Torch 4meters with Gas Diffuser, Tungsten rod, Nozzle, Cap; Output Cables 3meters; Earthing Clamp, Welding holder, End Male Connectors	TIG Torch 4meters with Gas Diffuser, Tungsten rod, Nozzle, Cap; Output Cables 3meters; Earthing Clamp, Welding holder, End Male Connectors

\* 100% Duty cycle when ambient temperatures are below 40deg C.

## DIFFUSION ENGINEERS LIMITED

Regd. Office : T-5 & T-6, M.I.D.C., Hingna Industrial Area, Nagpur - 440016. Maharashtra INDIA

[t] 091-7104-232084,234727 [f] 091-7104-232085. [e] info@diffusionengineers.com

Works I : T-5 & T-6, M.I.D.C., Hingna Industrial Area, Nagpur 440 016. [t] 091-7104-232084, 234727

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

[w] www.diffusionengineers.com

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