



HF 2000 / HF 2000 AD & HF 3000 / HF 3000 AD



The high efficiency, low power consumption World Class DC and AC/DC TIG control units





TYPICAL APPLICATIONS

- Light Weight, Compact & Portable for greater flexibility in operation
- Suitable for TIG Welding application with SMAW Power Source of any make
- Gas Preflow / Postflow facility
- Gas flow through solenoid valve for Economical consumption of costly Argon gas

SALIENT FEATURES

- Portable & Light Weight
- Built in high frequency unit for easy arc striking in AC/DC TIG welding process
- HF on/off switch to prevent high frequency interference (In DC mode only)
- Gas flow through solenoid valve for Economical consumption of costly Argon gas
- Auto HF cut off if arc does not strike within 10 seconds
- Built in gas pre-flow / post-flow facility
- In built water cooling unit with HF 3000/ HF 3000AD

SPECIFICATIONS

Technical Specifications	Unit	HF 2000	HF 2000 AD	HF 3000	HF 3000 AD
Input		Value	Value	Value	Value
Input Supply :					
Voltage 	Volt	230	230	230	230
Phase	No	1	1	1	1
Frequency	Hz	50	50	50	50
Rating					
Welding Current DC					
@ 60% Duty Cycle 	Amps	200	200	300	300
@ 100% Duty Cycle	Amps	150	150	230	230








Cont.

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Cont.

Technical Specifications						
Model	Unit	HF 2000	HF 2000 AD	HF 3000	HF 3000 AD	
Input						
I/P Supply Voltage	V	230	230	230	230	
Phase 	No	1	1	1	1	
Frequency	Hz	50	50	50	50	
Rating						
Welding Current DC						
@ 60% Duty Cycle 	Amps	200	200	300	300	
@ 100% Duty Cycle	Amps	150	150	230	230	
Welding Current AC						
@ 60% Duty Cycle 	Amps	-	150	-	250	
@ 100% Duty Cycle	Amps	-	110	-	180	
Gas Preflow Time 	Sec.	0.1-5	0.1-5	0.1-5	0.1-5	
Gas Postflow Time	Sec.	1-30	1-30	1-30	1-30	
General						
Water Tank Capacity	Liter	-	-	8	8	
Protection Class	Class	IP23	IP23	IP23	IP23	
Mode of Operation	Type	2T / 4T	2T / 4T	2T / 4T	2T / 4T	
Arc Striking	Type	HF/Touch	HF/Touch(DC)	HF/Touch	HF/Touch(DC)	
Dimensions						
Length	mm	440	560	614	614	
Width 	mm	165	290	400	400	
Height	mm	315	438	580	880	
Weight 	Kg	10	25	46 _(Without water)	50	
Torch Model						
	Class	IP23	IP23	IP23	IP23	
Max. Current Carrying Capacity		HI-PRO TIG 201-4/201-8		HI-PRO TIG 301-4/301-8		
@ 60% DC	Amps DC/AC	200 / 150		300 / 250		
@ 100 % DC 	Amps DC/AC	150 / 115		230 / 180		
Length	Mtrs.	4 / 8		4 / 8		
Cooling	Type	Gas		Water		
Electrode Capacity		1.6, 2.4 & 3.2		1.6, 2.4, 3.2 & 4.0		

- **Warranty:** One year from the date of commissioning. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.
- In view of continuous development, ADOR WELDING LIMITED reserves the right to modify/change the design and /or the specifications without any prior notice.
- Backed by dedicated customer care package.