

# TIG WELDING CONTROL UNITS

## 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



- 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



WELDERS TO THE NATION SINCE 1951  
**ADOR WELDING LIMITED**

(Formerly Known as Advani-Oerlikon Ltd.)  
[www.adorwelding.com](http://www.adorwelding.com)



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


## TIG Welding Control Units



### 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)
- 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 HF3000/HF3000AD

### TECHNICAL SPECIFICATIONS

MODEL	Unit	HF 2000	HF 2000AD	HF 3000	HF 3000 AD
<b>INPUT</b>	Unit	Value	Value	Value	Value
I/P Supply Voltage	V	230	230	230	230
Phase 	No.	1	1	1	1
Frequency	Hz	50	50	50	50
<b>RATING</b>					
<b>Welding Current DC</b>					
@ 60% Duty Cycle 	Amps	200	200	300	300
@ 100 % Duty Cycle	Amps	150	150	230	230
<b>Welding Current AC</b>					
@ 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
<b>GENERAL</b>					
Water Tank Capacity	Liter	-	-	8	8
Protection Class	Class	IP 23	IP 23	IP 23	IP 23
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)
<b>DIMENSIONS</b>					
Length 	mm	440	560	614	614
Width	mm	165	290	400	400
Height	mm	315	438	580	880
Weight 	kg.	10	25	45 (Without water)	50
<b>TORCH MODEL</b>		<b>HI-PRO TIG 201-4/201-8</b>		<b>HI-PRO TIG 301-4/301-8</b>	
Max. Current Carrying Capacity					
@ 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	
<b>ORDERING INFORMATION</b>					
HF 2000 with HI-PRO TIG 201-4	F10.38.001.0010	HF 3000 with HI-PRO TIG 301-4	F10.38.001.0024		
HF 2000 with HI-PRO TIG 201-8	F10.38.001.0011	HF 3000 with HI-PRO TIG 301-8	F10.38.001.0025		
HF 2000 AD with HI-PRO TIG 201-4	F10.38.001.0012	HF 3000 AD with HI-PRO TIG 301-4	F10.38.001.0019		
HF 2000 AD with HI-PRO TIG 201-8	F10.38.001.0017	HF 3000 AD with HI-PRO TIG 301-8	F10.38.001.0020		

- **Warranty:** One year from the date of purchase. 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.

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