

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

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APPLICATIONS

- HF 2000 and HF 3000 controls units are recommended for using alongwith dioded based, thyristor based or Inverter based DC rectifiers for DC TIG welding applications, for both indoor and outdoor use at project sites
- HF 2000 units are used for light and medium duty DC TIG welding applications where as HF 3000 units (built in with water cooling unit), are used for continuous heavy duty DC TIG welding for full shift and regular production jobs
- HF 2000AD and HF 3000AD controls units are recommended for using alongwith AC power sources like RED / DH / DS / DR type transformers for AC TIG welding applications for both indoor and outdoor use at project sites
- HF 2000AD units are used for light and medium duty AC TIG welding applications where as HF 3000AD units (built in with water cooling unit), are used for continuous heavy duty DC TIG welding for full shift and regular production jobs

SALIENT FEATURES

- Light weight, compact and portable HF units for greater flexibility in operation at project sites
- Suitable for DC and AC TIG welding applications with SMAW power sources of any make
- Gas pre flow and post flow time adjustments provided on the front panel
- Gas flow actuated through solenoid valve for economical consumption of Argon gas
- HF "ON/OFF" switch provided to prevent high frequency interference (in DC TIG mode only)
- Auto HF cut off facility if arc does not start within 10 seconds

BRIEF SPECIFICATIONS:

MODELS	UNIT	HF 2000	HF 2000 AD	HF 3000	HF 3000 AD
Supply voltage	Volt	230	230	230	230
Phase	No	1	1	1	1
Welding current DC @ 60% Duty cycle	Amp	200	200	300	300
Welding current DC @ 100% Duty cycle	Amp	150	150	230	230
Welding current AC @ 60% Duty cycle	Amp	-	150	-	250
Welding current AC @ 100% Duty cycle	Amp	-	110	-	180
Gas Pre flow Time	Sec.	0.1-5	0.1-5	0.1-5	0.1-5
Gas Post flow Time	Sec.	1-30	1-30	1-30	1-30
Mode of operation	Type	2T/4T	2T/4T	2T/4T	2T/4T
Arc striking	Type	HF/ Touch start	HF/ Touch start	HF/ Touch start	HF/ Touch start
Class of Protection	Class	IP 23	IP 23	IP 23	IP 23
Torch model	Type	HIPROTIG 201-4/HIPROTIG 201-8		HIPROTIG 301-4/HIPROTIG 301-8	
Dimensions (LxWxH)	mm	440x165x315	560x290x438	614x400x580	614x400x880
Weight (approx.)	Kg	10	25	45	50



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