



# HIMALAYAN POWER MACHINE MFG. CO.

Part of Khasra No. 51 and 52 Ka, Village Kuanwala, Haridwar Road, Dehradun,  
Uttarakhand – 248001

Phone No.: +91-9412052496

Email: hpmgense@gmail.com

## Specification Sheet For Model Digital W 250 AC - TIG

**High current argon welder  
for Tig Welding of Stainless Steel  
Pipes and sheets having thickness  
More than 3 mm**



		Model	DIGITAL - W 250 AC - TIG
D C WELDING	Special Highlights & Applications		<ul style="list-style-type: none"> <li>World's Most Portable, Professional &amp; Low Cost Arc Welding Machine Suitable for High Class Welding Including Structural Welding Rods 7018 Size 4mm Electrode</li> <li>Inbuilt 2 KVA Inverter for 230 Volt, AC Output</li> <li>Inbuilt 200 Amps, TIG Welding for "SS Welding, SS Pipe Lines".</li> </ul>
	Maximum Output (Duty Cycle 60%)		225 Amps.
	Welding Output at 100 % duty Cycle		175 Amps
	Working Voltage for Arc Welding		20v to 32v
	Working Voltage for Tig Welding		15V - 20 V
	Open Circuit Voltage		70 Volt (Maximum)
	Current Regulation Amps		*50-225
	Rectifying Mode		SCR, Phase Controlled 3-phase, Rectifying Bridge
	Maximum Electrode diameter (MMA)		2.6 mm to 4.0 mm (E 7018)
AC GENERATOR	Alternator Type		Multiphase, Brush less with Rear Earth Magnet Rotor
	Maximum Power (VA)		2000 VA
	Rated Power (VA)		1800VA
	Rated Current		7.5 Amps.
	NFB Amps		7.5 Amps.
	AC. Output Voltage		220 Volts ± 8% Volts, Single Phase - 50 Hz
	Class of Insulation		F
EN GI NE	Model		HM170FB



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	Type	Single Cylinder Air-cooled; 4-stroke, OHV 25° Inclined
	Maximum Power	7.5 HP
	Bore x Stroke	70x58
	Displacement	223cc
	Starting System	Recoil Start
	Ignition System	TCI (Transistor Control Ignition)
	Fuel	Standard Petrol
	Fuel Tank Capacity	15.5 Liters
	Fuel Consumption # Ltr./Hr.	1.1 Ltr./hr.
	Continuous Operating Hour	15 hr.
	Lube. Oil Capacity	600 ml.
Lubricating Oil Consumption	2.5 gm./Hr.	
Standard Accessories	AC Plug	1Pcs.
	Tool Kit	1 Set
	Welder Holder	1 Set
	Earthing Clamp with 3Mtr. Cable	1 Set
	Oil Funnel	1 No.
	Owner's Manual	1 No.
	Tig Torch with Cable	1 Set
*Optional Accessories	Sheet Metal Welding Attachment (Helps to adjust low current upto 50 Amps.)	1 Kit (Additional Cost)
Panel & Other Standard Features	A.C. Circuit Protector (NFB)	Yes
	A C. Pilot Lamp	Yes
	Engine Oil Protection	Yes (Electronic Oil Alert & Indicator)
	Fuel Level Gauge	Yes
	A.C. Output Sockets	Yes (1 Nos.)
	Costar Wheels& Handles	Yes
Size & Weight	Dimension LxWxH (mm)	790 x 510 x 670 mm
	Dry Weight (Kgs.)	82 Kg
Above Specifications are for reference only, Because of continuous improvements and up-gradation by our R&D team. This specification's can change without any prior intimation		