Elettro C.F. s.r.l.
via Miglioli, 24 40024 - Castel San Pietro Terme (Bologna) Italy
Telefono +39 051941453 - +39 0516942026 - FAX +39 051944602
C.F. e Registro Imprese BO n. 00706680378 - P.I. 00521381202 - Capitale Sociale 72.320,00 i.v.

Les détails du produit:

Code: S00107 **Modèle:**TIG 1680 DC HF



Single-phase inverter power source for TIG welding with high frequency and MMA-SMAW, TIG 1680 DC HF is equipped with high frequency start, pulsed arc mode and is suitable for welding of iron, steel, stainless steel, copper and titanium.
The TIG 1680 DC HF model provides a current of 160 A with 40% duty cycle (EN60974-1).
It welds coated rutile and basic electrodes.
It's suitable for light-medium metal fabrication as well as for servicing in general.

MAIN FEATURES
•Pulsed Arc function to reduce thermal alteration and simplify welding of thin coils.
•Functions: 2-step, 4-step and 4-step dual level.
•Possibility of welding with two preset welding current levels (dual level)
•Preset for use with remote control by pedal, manual or up-down control on the torch.
•In TIG welding the arc may be started either with high voltage – high frequency (HF Start) or by contact (Contact Start).
•Possibility of storing up to 9 welding programs in memory which may be easily re-called.
•Microprocessor control of the welding functions.

ADVANTAGES
•Minimized thermal alteration for welding of thin coils
•Great arc stability
•Control panel with easy-to-operate controls
•Possibility of adjusting current directly on the torch UP-DOWN
•IP23C protection class to allow outdoor work
•High efficiency and low absorption from mains
•Compact design and low weight.
•Strong steel body with epoxy, scratch proof, bake oven powder coating.

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Fiche technique:

Code	S00107	
Item	TIG 1680 DC HF	
Mode	TIG	MMA
Input Voltage	1x230V 50-60Hz	
Installation power	3 kW	
MIN-MAX Welding current	5 ÷ 160 A	10 ÷ 140 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	40% 160A - 60% 145A - 100% 130A	35% 140A - 60% 125A - 100% 115A
Electrodes		Ø mm 1,6 ÷ 3,2
Stepless regulation	ELECTRONIC	
Protection class	IP 23 C	
Construction standards	EN60974-1 / EN50199	
Dimensions	mm 180x360x410h	
Weight	kg 11	

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Accessoires:

	S01705A.11	*(optional)*	Accessories kit for electrode welding with 3+2 m cables of 25 mm2, Texas 50
	580002	*(optional)*	Transport cart
	363307	*(optional)*	Foot control and TIG torch connector
	530137	*(optional)*	Earth cable for welding
	535805	*(optional)*	4 m, ABITIG 26 UP-DOWN torch
	530330	*(optional)*	5 m long cable for remote control
	535802	*(optional)*	4 m, ABITIG 26 torch
	570008	*(optional)*	TIG foot control
	570006	*(optional)*	Remote control