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: S00120 **Modèle:**TIG 4080 DC HF

The three-phase (MULTI VOLTAGE) inverter power source for TIG welding with high frequency and MMA-SMAW, TIG 4080 DC HF, is equipped with high frequency start, pulsed arc mode and is suitable for welding of iron, steel, stainless steel, copper and titanium.
In TIG mode it provides a current of 350 A with 35% duty cycle (EN60974-1).
It can weld coated rutile and basic electrodes.
It is suitable for 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.
•Two/Four time and spot welding function.
•4-time bi-level, 4-time tri-level and 4-time with SWP programme.
•Preset for use with remote control: 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).
•Storage up to 9 welding programs in memory which may be easily re-called.
•Microprocessor control of the welding functions.
•Predisposition to use water cooled torches.
•Adjustable Pre-Gas and Post-Gas.
•Adjustable Arc-Force and Hot-Start in MMA.
•Digital display instruments to control welding current and tension.

ADVANTAGES
•Automatic setting of appropriate voltage within the following ranges: 3x208/220/230V and 3x400/440V
•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.
•Forced air cooling through cooling tunnel.
•IP23 protection class to allow outdoor work.
•High efficiency and low absorption from mains.
•Possibility to be connected to motor-driven generators.
•Compact design and low weight.

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Fiche technique:

Code	S00120			
Item	TIG 4080 DC HF			
Mode	TIG		MMA	
Input Voltage	3x208/220/230V 50-60 Hz	3x400/440 50-60Hz	3x208/220/230V 50-60 Hz	3x400/440 50-60Hz
Absorbed power	35% 7,8 kVA - 60% 6,8 kVA - 100% 6,1 kVA	35% 10,5 kVA - 60% 8,4 kVA - 100% 7,5 kVA	35% 9,3 kVA - 60% 7,8 kVA - 100% 7 kVA	40% 11,5 kVA - 60% 9,8 kVA - 100% 8,6 kVA
MIN-MAX Welding current	5 ÷ 280 A	5 ÷ 350 A	10 ÷ 240 A	10 ÷ 280 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	35% 280A - 60% 245A - 100% 220A	35% 350A - 60% 280A - 100% 250A	35% 240A - 60% 200A - 100% 180A	40% 280A - 60% 240A - 100% 210A
Electrodes	-		Ø mm 1,6 ÷ 6	
Stepless regulation	ELECTRONIC			
Protection class	IP 23			
Insulation class	H			
Construction standards	EN60974-1 / EN60974-10			
Dimensions	330x420x560h mm			
Weight	31 kg			

Accessoires:



535802 *(optional)* 4 m, ABITIG 26 torch



535805 *(optional)* 4 m, ABITIG 26 UP-DOWN torch



535806 *(optional)* 4 m, ABITIG 18 water cooled torch

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	535807	*(optional)*	4 m, ABITIG 18 UP-DOWN water cooled torch
	530138	*(optional)*	Câble de terre pour le soudage
	S01704A.10	*(optional)*	Accessories kit for electrode welding with 5+3,5 m cables of 35 mm2 and "texas" connection 50
	560102	*(optional)*	CU56H - Horizontal 5 l cooling unit for torch
	580007	*(optional)*	Transport cart
	540102	*(optional)*	INOX FAST CLEAN KIT
	309269	*(optional)*	Helmet with auto-dimming LCD filter (9-13 DIN) MAXIVISION COLOR to protect face and eyes during welding.
	357502	*(optional)*	Flowmeter with 2 gas pressure gauges
	363307	*(optional)*	Foot control and TIG torch connector
	530330	*(optional)*	5 m long cable for remote control

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570008 *(optional)* TIG foot control



570006 *(optional)* Remote control

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