

EXCEL 418 + ACC.



WITH
WELDING
ACCESSORIES



MMA TIG
SCRATCH
DC



TECHNICAL DATA

CODE	816143	MAX ABSORBED CURRENT	30 A	D.USABLE ELECTRODES IN DC	1,6 - 4 mm
SINGLEPHASE MAINS VOLTAGE	230 V	ABSORBED CURRENT AT 60%	23 A	INSULATION CLASS	F
MAINS FREQUENCY	50 / 60 Hz	MAX ABSORBED POWER	4,5 kW	PROTECTION DEGREE	IP23
CURRENT RANGE IN DC	20 - 160 A	ABSORBED POWER AT 60%	3,3 kW	DIMENSIONS (LxWxH)	34,5 x 15 x 26,5 cm
MAX CURRENT DC EN60974-1	160 @ 35 % A	MOTORGNER. MINIMUM POWER	7 kW	WEIGHT	6,58 kg
DC CURRENT AT 60%	120 A	EFFICIENCY	90 %		
MAX NO LOAD VOLTAGE IN DC	60 V	POWER FACTOR(cosphi) (cosphi)	0,7		

SUPPLIED ACCESSORIES

124465	CABLE 25 MMQ 2 M PLUG ATLAS 25
124466	CABLE 25 MMQ 3 M PLUG ATLAS 25
712030	TOLEDO 250 WORK CLAMP 250A
712260	DALLAS 300 ELECTRODE HOLDER 300A
804566	RUTILE ELECTRODES D. 2,5 MM 15 PCS

OPTIONAL ACCESSORIES

GAS REGULATORS

722119	GAS REGULATOR 2 MANOMETERS 12 L\min
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GAS BOTTLE ADAPTERS

432036	ARGON GAS BOTTLE IT ADAPTOR
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TIG WELDING KITS

801097	TIG WELDING KIT - ST9V
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TIG TORCHES

722563	ST9V 4M AX25 TIG TORCH
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TIG CONSUMABLES

802220	KIT 10 CERIUM-TUNGSTEN ELECTR. D.1 MM
802222	KIT 10 CERIUM-TUNGSTEN ELECTR. D.1,6 MM
802228	KIT 3 ELECTRODE DIFFUSERS D.1,6 MM ST9V
802223	KIT 3 ELECTRODE HOLDER CLAMPS D.1 MM
802225	KIT 3 ELECTRODE HOLDER CLAMPS D.1,6 MM ST9V
802230	CERAMIC NOZZLES NR.5 - ST9 TIG 10 PCS
802231	KIT 10 CERAMIC NOZZLES NR.6

BLISTER ELECTRODES

802620	RUTILE ELECTRODES D. 4 MM 8 PCS
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BOXED ELECTRODES

802737	RUTILE ELECTRODES D. 2 MM 2,5 KG
802739	RUTILE ELECTRODES D. 2,5 MM 2,5 KG
802749	RUTILE ELECTRODES D. 3,2 MM 4 KG

TIG RODS

804364	TIG RODS 308L 1.6X500 0.5kg
804365	TIG RODS 308L 2.0X500 0.5kg

ACCESSORIES/VARIOUS/SPARE PART

801096	MMA WELDING KIT 200A 16 MMQ 3+2M AX25
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DESCRIPTION

MMA and TIG inverter, electrode welding machine in direct current (DC) with scratch striking.
Use with a wide range of electrodes: rutile, basic, stainless steel, cast iron, etc.

Features:

- compact and light
 - high welding current stability in spite of mains voltage fluctuations
 - arc force, hot start and anti-stick devices
 - thermostatic, overvoltage, undervoltage, overcurrent, motorgenerator (+/- 15%) protections.
- Complete with MMA welding accessories and rutile electrodes.

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST