



# MATRIX 2200 HF



CC

Inverter

DC  
+ -

DIGITAL  
888

PULSED



## TIG INVERTER WELDING EQUIPMENT

Powerful, handy, compact and lightweight MATRIX 2200 HF's are the most innovative, high-performing and technologically ahead single phase power sources ever developed for TIG welding.

Their PFC Power Factor Correction device optimizes the amount of energy consumption by allowing the use of these powerful power sources, without problems, with 16 A fuse mains and with power generator sets.

The user-friendly and advanced function digital control ensures an extraordinary perfect stability of the welding parameters thus granting very high quality welding both in TIG and MMA with any electrodes.

MATRIX 2200 HF's are the ideal choice for all qualified welding applications and maintenance jobs, whenever power and portability are needed.

MATRIX 2200 HF's allow TIG DC welding of mild and stainless steel, copper and its alloys.

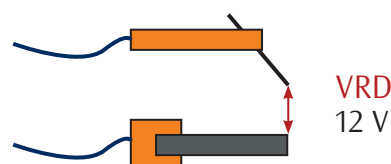


## ACCESSORIES

- Up/Down torches
- VT 100 trolley for lodging gas cylinder and water cooling equipment
- HR 22 water cooling equipment
- PSR 7 foot remote control
- CD 6 remote control
- Carrying belt



TECHNICAL DATA		MATRIX 2200 HF	
		TIG	MMA
Single phase input 50/60 Hz	V $\begin{matrix} +20\% \\ -20\% \end{matrix}$	230	
Input Power @ I <sub>2</sub> Max	kVA	6,0	6,6
Delayed Fuse (I <sub>2</sub> @ 100%)	A	16	
Power Factor / cos φ		0,99	0,99
Efficiency Degree		0,77	0,80
Open circuit voltage	V	100	100
Current range	A	5 - 220	5 - 180
Duty cycle at (40°C)	A 100%	160	120
	A 60%	190	150
	A 30%	220	180
Standards		EN 60974-1 • EN 60974-3 • EN 60974-10	
Protection Class	IP	23 S	
Insulation Class		F	
Dimensions	↗ mm	465	
	→ mm	185	
	↑ mm	390	
Weight	kg	14	



### VRD - VOLTAGE REDUCTION DEVICE

VRD device reduces the open circuit voltage to values below 12 V, by enabling the use of the machine in highly hazardous environments for the operator's maximum safety.

Other voltages available on request

These power sources are built for industrial environment use. EMC (CISPR 11): class A

