

weldmax



ENG

Weldmax 221 Inverter AC/DC TIG

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Key Features & Benefits

- 50 Program memories.
- Q-Start – Rapid joining of weld pools for initial starting.
- SYNERGIC IGNITION – modifies the ignition according to electrode diameter.
- Dynamic arc, ensures deeper penetration and lower heat input with more regular bead formation.
- MIXED AC/DC – increases arc penetration for thick aluminium plate.
- Remote torch controls, up/down, potentiometer foot control.
- MULTITACK – reduces heat input while joining light gauge materials.
- PULSE CURRENT – For controlled heat input.
- EXTRA FUSION – Shift wave form towards negative for very light gauge alloy sheet – with sharpen tungsten.
- Q SPOT – For fast tacking, leave the weld tack white and clean with very little heat.
- BI-LEVEL – increase or lower the amps by pressing torch switch.

What's included in the box

- 221 AC/DC 240V PULSE TIG Powersource
- 4 Metre earth lead
- 4 Metre TIG torch with up & down amp control
- Gas regulator & hose
- 240V 15A plug
- Owners manual



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Technical Data

The Weldmax 221 AC/DC is an advanced technology single phase AC/DC tig welder packed with every feature and parameter the professional requires. Super quiet and high arc stability.

Thanks to the Weldmax 221 AC/DC power-to-weight with high duty cycle ratio. The Weldmax 221 AC/DC is the best option on the market for small and medium workshops. Ideal for maintenance, food industry, hydraulics, piping, steel construction and chemical plants. Easy to transport, only 19.5 kg, it is the best option for maintenance and repair on field, shipyard and off-shore operations.

Weldmax 221 AC/DC is designed for welders at all experience levels.

221 Inverter AC/DC			
Power Supply	A	1x230Vac ± 15% @ 50-60Hz	
Mains fuse protection	A	16A	25A
Function		TIG	MMA
%Duty cycle @ 40°	%	35% 60% 100%	40% 60% 100%
Output current	A	220A 180A 160A	180A 150A 120A
Current range	A	5A – 220A	10A – 180A
OCV Voltage – VRD	V	11V	
Max – KVA	KVA	6.2	
IP	S	23	
Dimensions L x W x H	mm	460 x 230 x 325	
Weight	KG	19.5 Kg	
WATER COOLER			
Power Supply		1x230Vac ± 15% @ 50-60Hz	
Capacity	Litres	2.2 L	
Dimensions LXWXH	mm	530 x 230 x 210	
Power Supply	KG	12 Kg	

Accessories

Weldmax has a range of accessories to make your welding tasks more efficient.





125VP



150VP



162T



204T DC



221 AC/DC



180



185



220i



225C



225DP



250i



355



380i



500i

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