



MASTERWELD

The ultimate Welding Machine

Masterweld 200 AC/DC

Masterweld 200 AC/DC is a complete and reliable Single Phase Inverter Power Source for TIG AC and DC welding.

TIG AC functions are ideal for aluminum, magnesium and related alloys welding, while mild steel, stainless steel and copper can be easily welded in TIG DC.

High definition construction, Petrol/Chemical plants, Food/Beverage Industry and Shipyards are Masterweld 200 AC/DC main applications.

TIG AC and DC functions include **Post Gas, Up Slope, Down Slope, Final Current**. Trigger control sets **2T/4T/Bi-Level**.

Slow Pulse (0,1Hz÷5Hz) and **Fast Pulse** (5Hz÷250Hz) are available in TIG DC.

Masterweld **Special HF control** provides 100% rapid and precise arc ignition.

TIG AC welding is optimized thanks to:

- **Synergic arc ignition** selection located on the front panel, it modifies the ignition according to electrode diameter.
- **Advanced Soft AC-Square Waveform** for outstanding welding quality through faster welding speed, better pool control and noise reduction.

Friendly-user digital interface allows precise parameters setting. **Up to 3.25mm diameter electrode** welding is possible in MMA.

Features

- Light weight and reliable construction
- Microprocessor controls real time welding parameters
- AC Balance for oxide-cleaning and penetration
- Adjustable AC frequency (20÷208Hz) to manage welding speed and penetration
- Remote Controlled and Cooling Unit applicable



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Accessories	
Masterweld 200 AC/DC	
C.U. 05C	
Trolley 02	
OVERCUT (Generator Protection)	
Electrode Holder 35mm ² L=4m	
Earth Cable 35mm ² L=4m	
Torch SINTIG 26 AIR L=4m	
Torch SINTIG 26 RC POT AIR L=4m (*)	
Torch TIG SINTIG 18 H ₂ O L=4m	
Torch TIG SINTIG 18 RC POT H ₂ O L=4m(*)	
Remote control RC03	
Cable RC03 L=5m	
Cable RC03 L=10m	
Cable RC03 L=15m	
Foot Pedal RC02	
Cable RC02 L=5m	
Cable RC02 L=10m	
Cable RC02 L=15m	
MANOMETER	
FLOWMETER	
[*]Adapter A1	
Suggested composition H ₂ O:	
Masterweld 200 AC/DC	
C.U.05C	

Details

Input voltage	1 x 230V voltage protected ± 15% / 50-60 Hz					
Amperage draw	16A					
Duty cycle	TIG			MMA		
% (40°C)	30%	60%	100%	40%	60%	100%
Amps	200A	150A	130A	150A	130A	120A
Amps - Min &Max	7A - 200A			7A - 150A		
Open circuit voltage (OCV)	88V					
P _{1MAX}	6,3kVA					
IP	23S					
Dimensions	460 x 230 x 325mm					
Weight	16,0Kg					

Processes: TIG AC - TIG DC - MMA

CE Directives: 2002/95/CE, 2004/108/CE, 2006/95/CE

CE Standards: EN 60974-1, EN 60974-10

Power Inverter Inside

- Higher efficiency
- Lower energy demand

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