

Beta Tig AC/DC200

TIG/ Stick MMA Welding
Power Source with HF

Applications <ul style="list-style-type: none"> • Aerospace • Maintenance • Process Pipe work • Plant Construction • Petrochemical Industry • Catering Equipment • Beverage/Dairy Industry 	Processes <ul style="list-style-type: none"> • AC/D.C. Tig Welding • AC/D.CStick (MMA) Welding 	Input Power: 240v 1ph. 50/60Hz Output Power Range: 10—200amps D.C. Weight: 20.5Kg Dimensions: 425 x 330 x 360 mm
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Beta TIG AC/DC 200

Uses the latest Inverter technology to produce a small portable, lightweight welding machine with an industrial duty cycle.

Ideal for many applications where portability and space/weight requirements are restricted.

This 60% duty cycle machine is capable of AC/DC Tig Welding (HF Start), and MMA (Stick) welding.

Ideal for AC/DC Tig Welding on Aluminium, Stainless Steels, Nickel Alloys, Carbon and Low Alloy Steels, Light gauge Copper/Copper alloys.

The square wave AC output with variable balance control results in excellent high quality welds in aluminium and its alloys

The smooth D.C. output gives a crisp stable arc characteristic resulting in high integrity controllable TIG welds ideal for applications where quality is paramount

The infinitely variable output and digital display allows the user to accurately match the requirement of various joint configurations and material thicknesses.

Built in thermal overload protection



- **HF Arc Starting**
- **High Quality**
- **Inverter Technology**
- **Industrial Duty cycle**
- **Portable**
- **Infinitely variable**
- **Variable balance square wave AC**
- **In-built Slope Control**
- **In-built Gas post-flow control**
- **Latching trigger function 1T/2T**
- **Single Phase input**
- **CE marked & certified**

Beta Century

“A new name in welding machines backed by 70 years of experience to give you better value and reliability “

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Leading Suppliers of High Technology
Welding & Plasma Cutting Machines

Specifications (Subject to alteration without notice)

Technical Information

Input power voltage (V)	AC 230V +- 15% 1ph.
Frequency (Hz)	50/60
Input Rating (KVA)	4.5
Open Circuit Voltage (OCV)	56
Output Current range (A)	10—200
Rated Output Voltage (V)	18.0
MMA Rated Output Voltage (V)	28
Duty Cycle (%)	200 Amps @ 60%
Arc Starting	HF (High Frequency)
No-Load power (W)	40
Efficiency (%)	85
Power factor (COS ϕ)	0.93
Insulation Class	B
Protection Class	IP21
Weight (kg)	20.5
Overall dimensions (mm)	500 x 330 x 360
Gas Pre-flow time (S)	0—2.0
Gas Postflow time (S)	2—10
Clean width (%)	20—80
Down –slope Time (S)	0—5
2T/4T	Yes
Remote Control facility	Yes

Warranty

This equipment is warranted against failure occurring due to faulty workmanship or materials and comes with a 2 year return to base warranty from date of purchase.

Package includes: -

- **Power Source**
- **Primary Cable**
- **8m Gas Cooled Tig Welding Torch & Cable**
- **Welding Leads with Electrode holder, earth clamp and European standard connecting plugs**
- **Welding shield**
- **Wire Brush/Chipping hammer**

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