

# Beta Tig 180A HF

TIG/ Stick MMA Welding  
Power Source with HF

## Applications

- Aerospace
- Maintenance
- Process Pipe work
- Sheet Metal Industry
- Petrochemical Industry
- Catering Equipment
- Beverage/Dairy Industry

## Processes

- D.C. Tig Welding
- Stick (MMA) Welding

**Input Power:** 240v 1ph. 50/60Hz

**Output Power Range:** 10—180amps D.C.

**Weight:** 8 Kg

**Dimensions:** 371 x 155 x 295 mm

## Beta TIG 180A HF

Uses the latest Inverter technology to produce a small portable, extremely 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 DC Tig Welding (HF Start) and MMA (Stick) welding.

Ideal for DC Tig Welding on Stainless Steels, Nickel Alloys, Carbon and Low Alloy Steels, Light gauge Copper/Copper 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**
- **Lightweight**
- **Infinitely variable**
- **Built-in Gas post-flow control**
- **Robust High Impact Plastic Case**
- **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 “*

# Beta Century

Beta Century (UK) Ltd.  
Leading Suppliers of High Technology  
Welding & Plasma Cutting Machines

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## Specifications (Subject to alteration without notice)

<b>Technical Information</b>	
Input power voltage (V)	AC 230V +- 10% 1ph.
Frequency (Hz)	50/60
Input Rating (KVA)	3.9
Open Circuit Voltage (OCV)	56
Output Current range (A)	10—180
Rated Output Voltage	17.2
Duty Cycle (%)	180 Amps @ 60%
Arc Starting	HF (High Frequency)
No-Load power (W)	40
Efficiency (%)	85
Power factor (COS $\phi$ )	0.93
Insulation Class	B
Protection Class	IP21
Weight (kg)	8
Overall dimensions (mm)	371 x 155 x 295
MMA Welding Current range	10-160 amps

### **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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