

# Beta Pulse Tig 200

TIG/ Stick MMA Welding  
Power Source with HF

<b>Applications</b> <ul style="list-style-type: none"> <li>• Aerospace</li> <li>• Maintenance</li> <li>• Process Pipe work</li> <li>• Plant Construction</li> <li>• Petrochemical Industry</li> <li>• Catering Equipment</li> <li>• Beverage/Dairy Industry</li> </ul>	<b>Processes</b> <ul style="list-style-type: none"> <li>• D.C. Tig Welding</li> <li>• D.C. Pulsed Tig Welding</li> <li>• Stick (MMA) Welding</li> </ul>	<b>Input Power:</b> 240v 1ph. 50/60Hz  <b>Output Power Range:</b> 5—200amps D.C.  <b>Weight:</b> 15 Kg  <b>Dimensions:</b> 425 x 205 x 355 mm
--	---	---

## Beta Pulsed TIG 200

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), DC Pulsed Tig Welding 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**
- **Infinitely variable**
- **In-built Pulse Control**
- **In-built Slope Control**
- **In-built Gas post-flow control**
- **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

Beta Century (UK) Ltd. 59, Main Street, Thornor, Leeds, LS14 3BU.  
Tel: +44 (0) 113 2893118 Fax: +44 (0) 113 2893118 Mobile: +44 (0) 7917 300020  
Email: [myers.thorner@btopenworld.com](mailto:myers.thorner@btopenworld.com)  
Registered office: 3, Bull Lane, St.Ives, Cambs PE27 5AX. Company Reg. N° 5383454

## 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)	4.5
Open Circuit Voltage (OCV)	43
Output Current range (A)	5—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 $\phi$ )	0.93
Insulation Class	B
Protection Class	IP21
Weight (kg)	8
Overall dimensions (mm)	371 x 155 x 295
Postflow time (S)	3/6/10
Pulse Frequency (Hz)	MH 50—200 LH 0.5—2
Up-slope Time	—
Down –slope Time (S)	0—5
Base Current (A)	3—180
Start Current (A)	5—200
Final Current (A)	5—200

### **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**

# **Beta Century**

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

Beta Century (UK) Ltd. 59, Main Street, Thornor, Leeds, LS14 3BU.  
Tel: +44 (0) 113 2893118 Fax: +44 (0) 113 2893118 Mobile: +44 (0) 7917 300020  
Email: [myers.thorner@btopenworld.com](mailto:myers.thorner@btopenworld.com)  
Registered office: 3, Bull Lane, St.Ives, Cambs PE27 5AX. Company Reg. N<sup>o</sup>: 5383454