

## 05795 SIP PRO 200A AC/DC TIG/ARC Welder with Pulse



**Part No:** 05795

**Price:** £949.99 (exc VAT) Save £190.00

(RRP £1139.99) | £1139.99 (inc VAT)

### Specifications

05795 SIP PRO 200A AC/DC TIG/ARC Welder with Pulse

The SIP PRO 200A AC/DC TIG/ARC Welder with Pulse is a dual process welder with AC/DC TIG capability for professional applications.

This powerful inverter welder can be used for both TIG and ARC welding processes for outstanding versatility in demanding environments.

Featuring TIG Pulse functionality, a multi-stage pulse parameter program and 4 AC waveforms.

The adaptable settings and high duty cycles are designed to meet specific user needs and ensure greater control of precision welds.

Key Features

AC/DC welding for greater versatility in professional applications

Dual TIG and ARC processes for flexibility at high duty cycles

TIG Pulse facility for a smoother and more controlled weld

Multi-stage pulse parameter adjustment for greater welding arc control

4 AC waveforms for superior welding control with different material types

Suitable for aluminium, stainless steel, mild steels, brass and copper

AC/DC TIG capability for professional applications.

This powerful inverter welder can be used for both TIG and ARC welding processes for outstanding versatility in demanding environments.

Available separately the 05727 SIP Foot Pedal Control offers hands-free welding allowing greater control of the weld pool and welding process.

Applications & uses: Ideal for professional fabrication workshops.

Perfect for engineering and garage settings. Suitable for aluminium, stainless steel, mild steel, brass and copper.

AC/DC TIG welding capability for greater versatility in professional applications

AC current is ideal for welding aluminium and its alloys.

Allows the welder to create a deeper penetration weld. DC current is suitable for mild steel, stainless steel, brass and copper.

Offers a smoother and more controlled weld.

Working within a highly adaptable amperage range allows a variety of material thicknesses to be welded.

Dual TIG and ARC processes for flexibility at high duty cycles

For efficient and versatile application use in a range of professional settings.

TIG AC/DC (40°C / 10min): 200A @ 25% / 150A @ 60% / 120A @ 100%. ARC (40°C / 10min): 160A @ 25% / 110A @ 60% / 90A @ 100%.

TIG pulse facility for smoother and more controlled weld with enhanced stability

Frequency fluctuations achieve deeper workpiece penetration for stronger and more durable welds.

Produces a smoother and more controlled weld bead for a cleaner quality finish.

Also helps to prevent warping or cracking of thinner materials for reduced distortion.

Multi-stage pulse parameter adjustment for greater welding arc control

This allows customisation of the welding settings to suit specific user needs.

Includes adjustable slope-up, slope-down, pre-flow, post-flow and AC balance.

4 AC waveforms for superior control with different material types

Square - offers high heat input coupled with good puddle control and arc stability.

Ideal for production applications. Triangular - quick puddle formation with reduced weld distortion.

Ideal for thin materials.

Trapezoidal - recommended for welding thin aluminium plates which require less penetration.

Sine - produces a smooth welding arc with slower energy transfer and travel rates.

LED display with infinitely variable dial and intuitive control panel

Easy-to-use settings ensure precise control of the welding functions.

Programmable memory storage for easy recall of specific welding jobs

Select and save up to 10 different 'favourites' using the control panel settings.

Durable steel casing with heavy-duty carry handles for long life use

High-quality finish is resistant to work area damage and aids mobility.

Accessories included

Supplied with 4mtr TIG torch, electrode holder with lead, earth clamp, gas hose and hose clamps.

Accessories not included

SIP Foot Pedal Control offers hands-free welding for skilled professional users

Specifications:

Input Supply: 230v (16A) (not supplied)

Output Current (TIG AC/DC): 5A - 200A (AC) / 5A - 200A (DC)

Output Current (MMA DC): 30A - 160A (DC)

TIG AC/DC

Duty Cycle @ 40°C / 10min 200A @ 25% / 150A @ 60% / 120A @ 100% (TIG AC/DC)

160A @ 25% / 110A @ 60% / 90A @ 100% (MMA)

Duty Cycle @ 20°C / 10min 200A @ 60% / 150A @ 100% (TIG AC/DC)

160A @ 60% / 130A @ 100% (MMA)

Protection: IP21S/H

Product Dimensions: 395 (H) x 480 (W) x 225mm (D)

ITEM NO. 05727 Pedal (Not included, available separately)

Cable Length: 4.8mtr

Product Dimensions: 158 (H) x 280 (W) x 138mm (D)

## **Optional Extras**

05727 SIP Foot Pedal Control for  
05795



**Part No:**

05727

**Price:**

£149.99 (exc  
VAT)

£179.99 (inc  
VAT)