

# SifWELD®



[www.sifweld.com](http://www.sifweld.com)

Peters House  
The Orbital Centre  
Icknield Way  
Letchworth Garden City  
Hertfordshire  
SG6 1ET  
Tel. +44 (0) 845 130 7757



## SifWeld TS200 AC/DC

CE  
Approved



## TIG/MMA 200Amp AC/DC Inverter



### TSX1T200AC

# Professional TIG welding solutions

## for industry

**A professional, microprocessor-controlled inverter welding power-source for AC TIG, DC TIG & MMA applications.** The use of IGBT technology delivers a compact and lightweight machine that is 'feature rich'. 'High frequency' ignition and a pulse function on both AC and DC modes make this machine ideal for sheet metal and fine precision work.

**The TS200 AC/DC incorporates a user-friendly LCD control panel for logical operation.** The LCD panel menu system offers all the basic functions required in TIG welding, plus a great number of useful advanced features that improve the quality and productivity of welding. It is suitable for AC MMA, DC+ MMA, DC- MMA, DC TIG & AC TIG welding.

Target applications include, general fabrication, sheet metal work, stainless steel fabrication, process engineering, and repair & maintenance.



### Main features

- TIG/MMA 'multi process'
- IGBT technology
- Pulse function up to 500Hz
- Clear, vibrant LCD display
- Mono control point
- User programmable memory
- Compact, robust & lightweight
- 'Easy grip fold down carry handle'
- VRD (Voltage Reduction Device)
- Foot Pedal (Optional)
- Delivers a stable, consistent, smooth welding arc



Energy  
Efficient



Single  
Phase



DC  
Current



AC  
Current

SifWeld 5 year warranty, subject to annual preventative maintenance.  
Register your product at [www.sifweld.com](http://www.sifweld.com)



Function controls for each mode:

| DC TIG Mode                                 | AC TIG Mode                                 | MMA Mode             |
|---------------------------------------------|---------------------------------------------|----------------------|
| Main welding current                        | Main welding current                        | Main welding current |
| Pre & post gas flow                         | Pre & post gas flow                         | Hot start            |
| 2 & 4 stroke switch latching                | 2 & 4 stroke switch latching                | Arc force adjustment |
| Start and final current (4 stroke latching) | Start and final current (4 stroke latching) |                      |
| Pulse current control                       | Pulse current control                       |                      |
| Arc start initiation type HF or LT          | Arc start initiation type HF or LT          |                      |
| Gas purge                                   | Gas purge                                   |                      |
| Foot pedal (optional)                       | AC balance control                          |                      |
|                                             | AC frequency control                        |                      |
|                                             | Foot pedal (optional)                       |                      |

## Technical data

| SifWeld TS200 AC/DC             | TIG             | MMA     |
|---------------------------------|-----------------|---------|
| Power voltage (V)               | 1ph 230V±10%    |         |
| Frequency (Hz)                  | 50/60           |         |
| Rated input current (A) I-1 max | 26              | 40.6    |
| Rated input power (kw)          | 4.6             | 7.2     |
| Rated current range (A)         | 5-200           | 5-200   |
| Power factor                    | 0.80            |         |
| No load voltage (VRD)           | 74 (14)         | 74 (14) |
| Duty cycle (%) 40°C 10min       | 200Amps @ 25 %  |         |
| Efficiency                      | ≥80%            |         |
| Protection class                | IP23S           |         |
| Insulation class                | F               |         |
| Weight (kg)                     | 11              |         |
| Dimensions (mm)                 | 435 x 180 x 265 |         |

## Ordering information

| Description                 | Part number          |
|-----------------------------|----------------------|
| SifWeld TS200 AC/DC package | <b>TSX1T200ACPKG</b> |
| Replacement TIG torch       | <b>TSX1T200TIG</b>   |
| Flowmeter 0-15 lpm          | <b>AU200</b>         |
| 230v 1ph water cooler       | <b>TWX1COOL230</b>   |
| Inverter trolley            | <b>DZ10012</b>       |
| Foot control pedal          | <b>TSX1T200FCP</b>   |

## Consumables

A full range of consumables are available at [www.weldability-sif.com](http://www.weldability-sif.com)

| SifSteel A15    | 2.5kg           | 5.0kg           |                 |
|-----------------|-----------------|-----------------|-----------------|
| 1.0mm           | <b>RA151025</b> | <b>RA151050</b> |                 |
| 1.2mm           | <b>RA151225</b> | <b>RA151250</b> |                 |
| 1.6mm           | <b>RA151625</b> | <b>RA151650</b> |                 |
| 2.4mm           | <b>RA152425</b> | <b>RA152450</b> |                 |
| 3.2mm           | <b>RA153225</b> | <b>RA153250</b> |                 |
| SifSteel 308L   | 1.0kg           | 2.5kg           | 5.0kg           |
| 1.6mm           | <b>R0331601</b> | <b>R0331625</b> | <b>R0331650</b> |
| 2.4mm           | <b>R0332401</b> | <b>R0332425</b> | <b>R0332450</b> |
| 3.2mm           | <b>R0333201</b> | <b>R0333225</b> | <b>R0333250</b> |
| SifTrode 7018-M | 2.5kg           | 5.0kg           |                 |
| 2.5mm           | <b>RE752525</b> | <b>RE752550</b> |                 |
| 3.2mm           | <b>RE753225</b> | <b>RE753250</b> |                 |
| 4.0mm           | <b>RE754025</b> | <b>RE754050</b> |                 |
| SifTrode 6013-M | 2.5kg           | 5.0kg           |                 |
| 2.5mm           | <b>RE652525</b> | <b>RE652550</b> |                 |
| 3.2mm           | <b>RE653225</b> | <b>RE653250</b> |                 |
| 4.0mm           | <b>RE654025</b> | <b>RE654050</b> |                 |



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Tel. +44 (0) 845 130 7757 | Fax. +44 (0) 800 970 7757 | Email. [sales@weldability-sif.com](mailto:sales@weldability-sif.com) | [www.sifweld.com](http://www.sifweld.com)