

SifWELD®



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.



Function controls for each mode:

DC TIG Mode	ACTIG 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	TSX1T200ACPKG
Replacement TIG torch	TSX1T200TIG
Flowmeter 0-15 lpm	AU200
230v 1ph water cooler	TWX1COOL230
Inverter trolley	DZ10012
Foot control pedal	TSX1T200FCP

Consumables

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