

Smart 210 TIG Pulse Inverter

Ref.: 22300210TS

Code: FT22300210TS_V0

Date: 07/05/2024

**Description:**

Welding equipment with inverter technology using IGBT transistors.
Pulsed TIG welding and MMA stick welding.

Power supply:

1 Ph 230V - 50/60 Hz. ±15%.

Main advantages:

- High performance microcontroller (MCU).
- Digital control and display.
- Simple and intuitive parameter setting.
- Good arc control and stability, less deformation and projections.
- Intelligent protection against overvoltage, undervoltage, overcurrent, overheating.
- Excellent performance for thin thicknesses and on materials such as steel, stainless steel, titanium, copper, nickel, and their alloys.

It includes:

- Earth cable.
- Gas pipe.
- Aerial input connector.
- Control air connector.

Technical parameters	Unit	SMART 210 TIG PULSE	
		Ref. 22300210TS	
Nominal input voltage	V	AC230V±15%; 50/60HZ	
Nominal input power	MMA	KVA	8.2
	TIG		6.0
Current range welding	MMA	A	10~180
		V	20.4~27.2
	TIG	A	10~200
		V	10.4~18
Nominal duty cycle	%	35	
No-load voltage	MMA	V	65
	TIG	V	65
Descent time	s	0~10	
Postflow time	s	0~15	
Overall effectiveness	%	85	
Degree of protection of the housing	IP	21S	
Power factor	cosφ	0.7	
Degree of insulation		F	
Arc ignition mode		HF arc ignition	
Standard		IEC60974-1	
Noise	db	< 70	
Size	without handle	mm	365*135*235
	with handle	mm	365*135*277
Weight	kg	6.125	