

## TIG 250

**SIMPLE IN USE, POWERFUL AND DEPENDABLE TIG DC.**

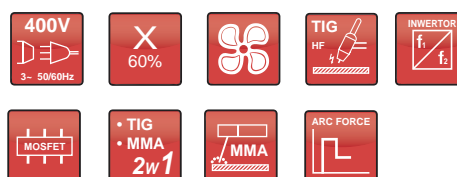
### PRELIMINARY INFORMATION

**SPARTUS Master TIG 250** small, powerful inverter welding machine allows gas tungsten arc welding (TIG, GTAW) and manual metal arc welding (SMAW, MMA) . Welding current is up to 250A. It is powered from three-phase 400V source power.

### DESCRIPTION

It has easy-to-use control panel with infinitely adjustable: welding current, post gas and down slope. Device is equipped with contactless HF arc ignition system.

Arc Force function (with infinitely adjustable arc power - MMA welding mode). Prevents the stick electrode from "sticking" to welded material, when arc voltage drops excessively, as a result of a sudden shortening of the arc. Arc Force function is irreplaceable, especially when welding in difficult positions (such as overhead position), where often required is short arc welding.



### EXAMPLES OF USE

- farm,
- portable repair,
- workshop,
- maintenance,
- constructions.



## FUNCTION PANEL



1. Digital meter
2. TIG/MMA switch
3. Abnormal indicator
4. ON/OFF switch
5. Welding current adjustment knob
6. Current falling time adjustment knob
7. Push current adjustment knob
8. Post-blow adjustment knob

## TECHNICAL PARAMETERS

Input	~3 x 400V ±10% 50/60Hz
Welding Current TIG [A]	20 – 250
Duty cycle [%]	60
TIG PARAMETERS	
Down slope [s]	0 – 5
Gas post flow [s]	0 – 15
Arc ignition	HF
MMA PARAMETERS	
MMA welding mode	✓
Welding current MMA [A]	20 – 250
Arc Force range [A]	0 – 60
No-load voltage [V]	54
OTHER	
Current consumpton [A]	9,6
Power factor (cosφ)	0,93
Efficiency η [%]	85
Insulation class	F
Protection class	IP23
Weight [kg]	18,55
Dimensions [mm]	530 x 220 x 390

## STANDARD EQUIPMENT

- 3 meter work clamp
- Gas hose
- User's manual



## PACKAGE EQUIPMENT

- 3 meter electrode holder
- 3 meter work clamp
- Gas hose
- Gas regulator SPARTUS Ar/CO<sub>2</sub> with flowmeter
- TIG torch SPARTUS Master 26 4m
- User's manual

