



TIG-400



Features and benefits

- Unique IGBT soft switch technology guarantees higher efficiency and longer lifespan
- Industrial standard quality, born to work in harsh environment
- Arc force and hot start control: help to start arc easily and prevent sticking
- Down-slope control: stable arc transition, outstanding crater filling performance.
- HF arc ignition: non-contact arc start stops burning tungsten
- High duty cycle at 40C and 10-minutes condition, up to 60%
- Extended welding cord (up to 100m)
- Wire/wireless remote control(option)
- VRD feature(option)
- Generator compatible(option)

Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m

Output  

Input  

Process

Process: DC TIG (GTAW) /Stick (SMAW)

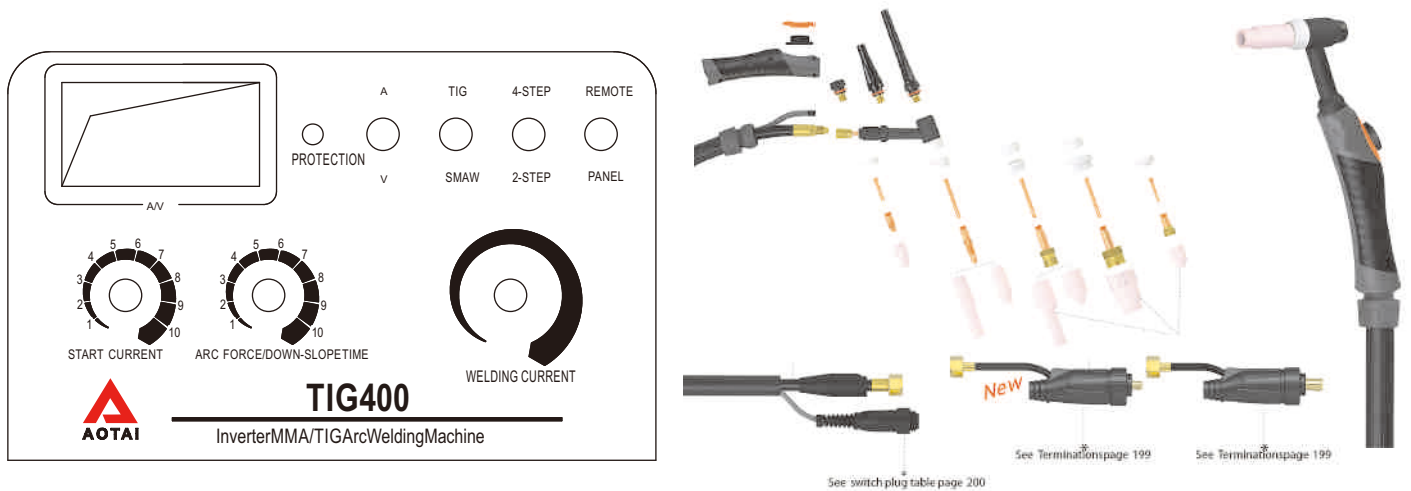
Recommended Applications

Bicycle, fitness equipment, stainless furniture
 Industry plant construction
 Containers manufacture
 Maintenance and repair
 Pipeline industry
 Shipbuilding

Spare parts-TIG-400

Pictures							
Item	Rectifier	IGBT module	Fast recovery module	Main control board	Drive board	Main transformer	Power transformer
NO.	735005-00002	735007-00046	735006-00029	210580-00138	210310-00020	220629-00023	763001-00043

Pictures							
Item	Fan	Solenoid valve	Current exchange inductance	Thermostat	Varistor	Filter capacitor	Shunt
NO.	746001-00011	752001-00014	220281-00008	745008-00006	720021-00017	722001-00073	720041-00008



Specification

Model	UNIT	TIG400
Supply voltage	Volt	415
Phase	No	3
Input KVA @ 100% Duty cycle(MMA, DC TIG)	KVA	12.6/8.7
Welding current range(MMA, DC TIG)	Amp	20-400
Open circuit voltage	Volt	80
Welding current @ 60% Duty cycle(MMA, DC TIG)	Amps	400/400
Welding current @ 100% Duty cycle(MMA, DC TIG)	Amps	310/310
Type of cooling	Type	Forced air
Dimensions(LxWxH)	mm	576x297x557
Class of insulation	Class	H
Weight(approx)	Kg	43
Water cooling unit	Type	SLJ-10/SLJ-20

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