

TIG 300i / 400i

Compact and Heavy-Duty TIG Inverters



TIG 300i

TIG 400i

Compact and Heavy Duty

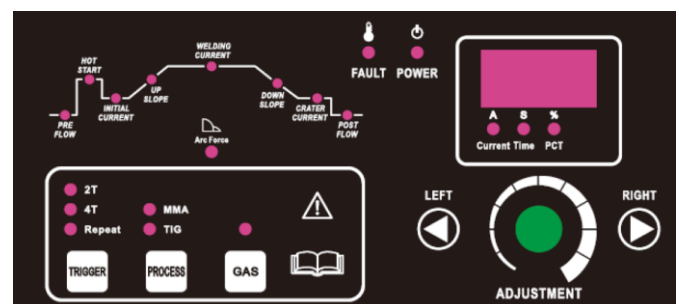
TIG 300i & 400i are IGBT based inverter-controlled power sources with HF start for TIG welding. Their good welding performance in both TIG & MMA offers flexibility for a wide range of applications. TIG controls like gas Pre-flow & Post-flow, Start Current & End Current, Up & Down Slope helps deliver superior welding quality.

- Excellent duty cycle for continuous welding
- Portability with compact design
- Protection against Over-Temperature, Under-Voltage, Over-Voltage and Single-phasing
- Energy savings with high Power Factor & Efficiency

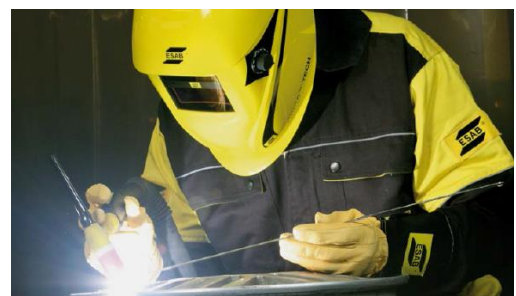
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Industry or Process

- General Fabrication
- Pipe Welding
- Ship Building
- Repair and maintenance



Control Panel



TIG 300i / 400i

Specifications	TIG 300i	TIG 400i
Mains Supply, V / Ph,Hz	415 V \pm 15% / 3, 50/60	415 V \pm 15% / 3, 50/60
Maximum Input Current, A	13	18
Rated KVA	12	17
Output Range (TIG & MMA), A	10 - 300 / 10 - 250	10 - 400 / 10 - 400
Permitted Load at 60% Duty Cycle (TIG & MMA), A	-	400 / 305
Permitted Load at 100% Duty Cycle (TIG & MMA), A	300 / 240	310 / 240
Open Circuit Voltage, V	76	
Power Factor	0.9	
Efficiency, %	\geq 85	
Protection Class	IP21S	
Insulation Class	H	
Operating temperature, deg C	-10 to +40	
Weight, Kg	35	
Dimensions (L x W x H), mm	510 x 275 x 420	
Standards of conformity	IEC 60974-1	

Ordering Information	
Description	Part Number
TIG 300i	4640220300
TIG 400i	4640220400

TIG 300i & 400i is delivered with 3m mains cable only.



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