

# TIG 310i

## Heavy Duty Industrial TIG Equipment



TIG 310i

### Rugged & Reliable

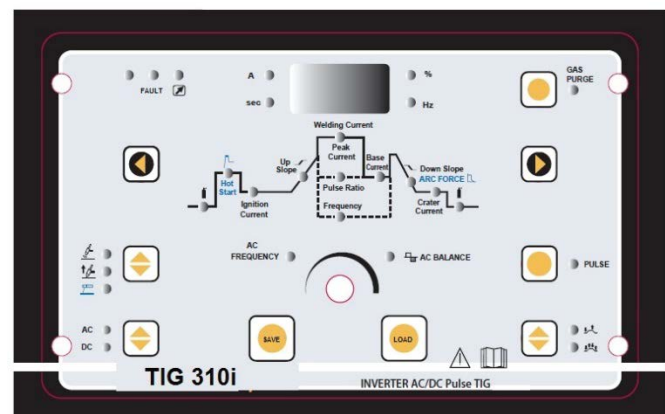
TIG 310i is a digitally controlled AC/DC TIG inverter welding power source with HF start and consistent, stable arc in both DC and AC modes. Its Integrated cooling unit ensure trouble free welding for heavy duty applications.

- Wide mains voltage tolerance – 415V+/-15%
- HF / Scratch TIG selection
- Pulsing in both AC/DC operation
- AC Balance adjustment
- Integrated cooling unit with Flow sensor
- In-built protections against overheating, under voltage and coolant flow failure

Visit [www.esabindia.com](http://www.esabindia.com) for more information.

### Application Areas

- Process industry
- Pipe and tube manufacturing
- General fabrication
- Shipbuilding and offshore
- Automotive
- Repair and Maintenance



Specifications / Technical Data	
<b>Power Source</b>	<b>TIG 310i</b>
Welding process suitability	TIG DC, TIG AC, MMA
Mains supply, V/Ph, Hz	415 ± 15% / 3, 50/60
Input power, KVA (max)	13.6
Output current range DC/AC/MMA	10/20/20 – 315/315/250
Output current at 100% duty cycle	Tig – 186A , MMA - 148A
Slope up Time	0-10 Sec
Slope down Time	0-25 Sec
Gas Pre Flow Time	0-10 Sec
Gas Post Flow Time	0.2-20 Sec
Pulse Frequency	DC 0.1- 250 Hz, AC 0.1-20 Hz
Cooling Unit Volume	6.5 l
Coolant Pressure	35 psi
Coolant Flow sensor Protection	Yes
Overheating / Under Voltage Protection	Yes
Cooling unit input supply	415V from Power Source.
Enclosure	IP21S
Insulation class	F
Dimensions, l x w x h,	1080 x 500 x 900 mm
Weight,	60 Kg

Ordering Information			
Description	Part Number	Description	Part Number
TIG 310i	4640230300	TXH 251W, 4M	0700300561
TBi SR-P 26, 4M	405P843F64	TIG HAND GLOVES	2001005010
XCT 400W-4M	405P843FX4	WELDER'S JACKET	2001007006



Registered and Head Office:  
**ESAB India Limited**

13, 3rd Main Road, Industrial Estate,  
 Ambattur, Chennai - 600 058.  
 Tel: +91(0) 44 4228 1100, Fax: +91(0) 44 4228 1150  
 Email: info@esab.co.in | www.esabindia.com

