

CRUXWELD **TIG 200** **DC TIG & ARC WELDER**

iTIG200DC delivers 2-in-1 STICK and TIG capability from one integrated portable system.



Advantage Cruxweld

- DC TIG and ARC (MMA) dual function welding processes
- Compact size ensures effortless mobility
- Excellent ignition quality, even with long TIG torches
- Excellent welding characteristics in TIG & MMA with any type of electrodes, cellulosic included
- Automatic compensation for mains voltage fluctuations within $\pm 20\%$
- High reliability when used with generator sets
- Preset automatic post-flow timer protects tungsten tip, workpiece and torch
- High-frequency TIG starting makes it easy to establish an arc under a variety of conditions
- IP 23S rating designed & approved for outdoor use
- Safe to use in damp or humid welding environments due to reduced Open Circuit Voltage

Specification	Unit	iTIG200DC
Input supply	Volt	AC 220V $\pm 15\%$ / 50~60 Hz
Max input KVA@100% duty cycle	KVA	4
Open circuit voltage	Volts DC	78
Welding current range (TIG Mode)	Amps DC	10-200
Welding current range (MMA Mode)	Amps DC	20-200
Welding current @60% duty cycle	Amps	200
Welding current @100% duty cycle	Amps	135
Efficiency	%	85
Degree of protection	Class	IP23S
Insulation	Class	H
Generator compatible	-	Yes
Suitable electrode diameter	mm ϕ	2.5 - 3.15
Protections	-	Over voltage, under voltage, over temperature
Cooling	Type	Forced Air
Dimensions (LxWxH)	mm	395x153x301
Weight (approx)	Kg	7.5