



TIG CHAMP INVERTER WELDER

Technical Specifications

Power Voltage:	AC415V± 15% 3 Phase
Input Current:	MMA/18A TIG/9A
Effective Current:	MMA/13A TIG/9A
Power Rating:	12.2KVA
Rated Output Current:	315A
Range Output Current:	0 - 315A
Arc Force (A):	0 - 100
No load Voltage:	30V
Pre-flow (S):	0 - 2
Clean Width (%):	20 - 80
Slope Down Time (S):	0 - 10
Post-flow Time (S):	0 - 10
Base Current (%):	20 - 90
Pulse Frequency (Hz):	0.5 - 300
Pulse Duty Cycle (%):	10 - 90
Remote Control:	Yes
Arc-Leading HF:	Start
Efficiency (%):	85
Load Duty Cycle (%):	MMA 20% @ 250 AMPS 100% @ 160 AMPS TIG 20% @ 300 AMPS 100% @ 190 AMPS
Power Factor:	0 - 93
Insulation Class:	F
Protection Class:	IP21S
Weight:	37 kgs
Dimensions:	560 x 365 x 355 mm



Features

- Rugged metal case construction
- HF start AC/DC TIG function
- 2T/4T Trigger function
- Adjustable AC balance control
- Adjustable pulse control
- Adjustable pre gas - post gas
- Adjustable down slope
- Foot control optional
- Electrode hot start and adjustable arc force
- Tolerant to variable power supply
- Voltage Regulator Device

Part Number	Includes
IWS315ACDCR	<ul style="list-style-type: none"> • Machine • GD5M-2535 Metre Lead Kit • Tigmaster SR-26-4MCP507 • 195 Regulator

Independent Wholesale Welding Supply pursue a policy of continuous research and development and therefore reserve the right to change the specification, design or price without prior notice.