

Titan 323iTSA (LCD) Water

320a ACDC Pulse TIG / Stick Welding Inverter

WeldTronic
Quality Welding Products



320A Max TIG Output
32A 415V
4.0mm Max Tungsten Size



Note: 415V/3 Phase Plug Top Not fitted - refer to owners manual to achieve full output. Accessory images shown for illustration purposes only. Actual product supplied may vary

Optional Items



Main Features

IGBT Inverter Technology	Powerful 60% Duty Cycle
AC Square / Sine / Triangular Wave	Adjustable Pre / Post Flow
Job / Memory Function	Adjustable Up / Down Slope
Spot / Tacking Function	Adjustable AC Balance / Frequency
Adjustable Start / End Amps	Adjustable Pulse Frequency
Large Colour 5" LCD Display	Wireless Foot Control Ready

Process

AC / DC Lift TIG Welding	DC Stick (MMA) Welding
AC / DC HF TIG Welding	AC / DC Pulse TIG Welding

Package Inclusions

Titan 323iTSA Power Source	4m Earth Lead Set
Argon/Co2 Regulator	3m Quick Fit Hose Assy.
8m 18 Water Cooled TIG Torch	Titan Cool 50 & Transport Unit

Ordering Information

Part No.	Description
TT323iTSA/P2	Titan 323iTSA Package with 8m 18 Torch
	Titan Cool 50 Water Cooler & Transport Unit
TTIGWFC	Wireless Foot Control
TTIGRFC	Corded Foot Control

Technical Data

Description.	Details.
Power Supply (V)	3~415±10% 50/60Hz
iMax / iEff TIG (A)	15.9 / 12.3
iMax / iEff MMA (A)	22.9 / 17.7
Power Factor / Efficiency (%)	0.80 / 0.75
Generator Requirements	Min 22kVa / Ideal 24kVA+
Welding Current/Volt Range	10~320A / 10.4~22.8V
Welding Current / Volt Range	10~320A / 20.4~32.8V
Duty Cycle @40°C TIG	60%@320A / 100%@248A
Pre / Post Flow (S)	0.2~10 / 0.2~10
Up Slope / Down Slope (S)	0~10
AC Frequency (Hz)	50~250
Pulse Frequency (Hz)	0.5~200 Hz
Pulse Width Range (%)	5~95
TIG Electrode Size / Capacity	1.6~4.0mm
Insulation / Protection Class	H / IP23
Standards	ISO / IEC / AS 60974.1
Weight (Power Source)	29kg
Dimensions (Power Source)	640x240x445
Warranty (Power Source)	2 Years

Note: The information provided is a general guide only - It is the responsibility of the user to ensure that the product is suitable for the intended purpose. Any brand names, trade names or part numbers provided are the property of their respective owners and are provided for identification purposes only. Replacement products may not be identical to, or have identical properties as the original manufacturers product. Due to continuous improvement, dimensions, size, weight and other specifications may change based on product research and customer feedback. Any such changes would be implemented without prior notice.