

VIPER TIG200P

TIG/MMA - 200 Amp DC Inverter Welder

Welds: Steels, Stainless, Cast Iron, Bronze, Copper



VIPER TIG200P

TIG/MMA 200 Amp 230V Single Phase DC Welder HF Start, Pulse Adjustment, Downslope, Post Gas Light Industrial Rated, c/w Remote Torch Amp Control



Features

- Modern IGBT inverter technology
- DC-TIG
 - HF Arc Ignition (prevents tungsten inclusion & tungsten damage)
 - Adjustable Pulse Frequency 0~200Hz
 - Pre-set Base Current & Pulse Width
 - Adjustable Downslope 0~5 seconds
 - Adjustable Post Gas 1~10 seconds
 - 2/4T Trigger
 - Remote Amp Control
- MMA function (stick electrode)
 - High 75 OCV (for low hydrogen electrodes)
 - Hot start (improves electrode starting)
 - Arc Force (boosts current to prevent electrode extinguishing)
 - Excellent arc stability with all electrodes
- Thermal overload protection
- IP21S rating for environmental/safety protection
- Generator compatible (recommend 8.0 kVA minimum)
- Tolerant to variable power supply



XA-TIG200VP
Standard Package



Optional machine accessories available - refer page 24

Technical Data

Power Supply	240V 1-Phase $\pm 15\%$
Rated Input Power	8.0 kVA
I_{eff} as per AS/NZ60974-1	15.0 Amps
Rated Output	160 Amps / 27.2V MMA 200 Amps / 18.0V TIG
Welding Current Range	10 ~ 160 Amps MMA 10 ~ 200 Amps TIG
No Load Voltage (OCV)	75V
Duty Cycle @ 40°C as per AS/NZ60974-1	20% @ 160 Amps MMA 30% @ 200 Amps TIG
Duty Cycle @ 25°C (approximate)	40% @ 200 Amps MMA 60% @ 200 Amps TIG
Protection Class	IP21S
Insulation Class	F
Dimensions (LxWxH)	420 x 160 x 330mm
Weight	7.5 Kg
Certification Approval	AS/NZ60974-1

Overview

The VIPER TIG200P is an inverter-based DC-TIG welding machine with HF Arc Ignition and Pulse capability. Produced using the latest in IGBT technology, this low cost and portable machine is reliable, robust and stacked with functions you'd find in a professional DC TIG welder. The HF Arc Ignition provides Pre-Gas and instant arc ignition with the press of the torch switch leaving no tungsten inclusion and no contamination of the tungsten electrode. The Down Slope & Post-Gas functions combined with the 2/4T trigger function allow you to control the start and finish of the weld process at a professional level. Adjustable Pulse Frequency 0.2~200 Hz gives you the added capability to control the heat input into the work, control penetration and help control distortion. The remote control interface provides remote amperage control from the torch in both static and live welding modes. The remote control receptacle also provides connection of the optional foot control. Combining the functions of the VIPER TIG200P ensures comprehensive control of the welding parameters when welding all DC weldable materials giving a remarkably smooth arc producing high quality TIG welds. The DC MMA welding capability delivers a smooth and stable arc allowing easy welding with electrodes obtaining high quality welds including cast Iron, stainless and low hydrogen. The VIPER TIG200P is a semi-professional machine that is suited to multiple applications; stainless steel fabrication, light industrial use, site welding, repair and maintenance applications. Designed and built to our specification and manufactured in compliance to AS/NZ60974-1

Product Code: XA-TIG200VP-K

Standard Package includes: XA-TIG200VP Machine, XA17FX Flexi Tig Torch x 8m with Remote Amp Control, Earth Lead & Arc Lead 25mm x 4m, Argon Regulator