

Product Brochure For W165

## VIPER™ ARC 140 - STICK WELDER

#KUMJRVA140  
 20-140 Amps Welding Current Range

**Ex GST**  
**\$240.00**

**Inc GST**  
**\$264.00**



ORDER CODE:	W165
Type:	STICK WELDER
MODEL:	VIPER™ ARC 140
Part Number:	#KUMJRVA140
Voltage / Amperage (V / amp):	240 / 10
Recommended Plug (amp):	10
Input Frequency (Hz) (Hz):	~
Input Current (amp):	27.4
Ieff Current (amp):	10
Power Rating (kVA):	6.49
Rated Output Current (amp / V):	140 / 25
Range of Output Current (amp):	20 - 140
Arc Force (amp):	~
No Load Voltage (V):	68
Pre-Flow (S) (sec):	~
Clean Width (%) (%):	~
Slope-Down Time (S) (sec):	~
Post-Flow Time (sec):	~
Base Current (%):	~
Pulse Frequency (Hz):	~
Pulse Duty Cycle (%):	~
Duty Cycle 40 Deg C - TIG (% @ amp):	~
Duty Cycle 40 Deg C - MMA (% @ amp):	15 @ 140
Duty Cycle 40 Deg C - Plasma (% @ amp):	~
Plasma Severance Cut Capacity Carbon Steel (mm):	~
Plasma Production Cut Capacity Carbon Steel (mm):	~
Plasma Production Cut Capacity Aluminium (mm):	~
Protection Class:	IP21S
Remote Control (Yes / -):	~
Recommended Generator (kVA):	6.5
Efficiency (%):	85
Power Factor:	0.65
Insulation Class:	F
Dimensions (mm):	295 x 135 x 270
Nett Weight (kg):	4

### Description

The VIPER ARC 140 is a new generation, low cost welding machine produced using the latest in IGBT inverter technology. Designed to meet the needs of the price conscious non-commercial user without compromising on quality, this machine is as reliable and robust as you would expect a machine bearing the UNIMIG name to be. The DC MMA welding function delivers a smooth and incredibly stable arc allowing easy welding with electrodes producing high quality welds including cast Iron, stainless steel and low hydrogen.

The VIPER ARC 140 is also equipped with DC Scratch Start TIG capability and connection of the 17V TIG torch allows DC TIG welding of steel, stainless steel, bronze and copper. The unique electronic design structure and air channel design in this machine speeds up the heat dissipation of the power device improving the duty cycle of the machine. The unique air channel design also effectively reduces dust ingestion by the fan, dust build up and absorption by the electronic circuits and power device is minimised thereby improving the reliability of the machine.

The VIPER ARC140 is an exceptional machine for the price and is suitable for a wide range of applications including light fabrication and farming. The VIPER ARC 140 offers great portability with the power to get the job done and with the convenience of being fitted with a 10 amp domestic plug. Manufactured in compliance to AS/NZ60974.1

### Features

Latest IGBT inverter technology

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- MMA (stick electrode)
- Hot start (improves electrode starting)
- Arc Force (boosts current to prevent electrode extinguishing)
- Excellent arc stability with all electrodes
- DC Scratch TIG - Scratch Arc Ignition, basic DC TIG application
- Thermal overload protection
- IP21S rating for environmental/safety protection
- Generator compatible (recommend 6.5 KVA minimum)
- Tolerant to variable power supplies
- Fitted with and approved to use domestic 10 amp plug

### Includes

- 2.5 Metre Arc Leads

### Optional Accessories

- REG - Twin Gauge Argon Regulator

### Specific Features



Left View



Right View



Front View

### Recommended Accessories

W10361

Magnetic TIG Torch Rest



W241

Welder Trolley



W170A

Air Cooled TIG Welding Torch



W119

Anti-Spatter Spray



Product Brochure For W165

O0183  
Ar - Argon Disposable Cylinder



O0184  
Ar/O2 - Argon 98% & Oxygen 2% Disposable Cylinder



O0185  
CO2/Ar - 86% Argon & 14% Carbon Dioxide Disposable Cylinder



O300  
Gas Refillable Cylinder



O304  
Gas Refillable Cylinder



O3045  
Gas Refillable Cylinder



O302  
Gas Refillable Cylinder



O306  
Gas Refillable Cylinder



O3065  
Gas Refillable Cylinder



O0171  
Argon Gas Regulator



W161  
Argon Gas Regulator-Bobbin Flowmeter



W160A  
Argon Gas Regulator-Twin Gauge



Product Brochure For W165

**W590**

1.6mm Tig Tungsten Electrode - Zirconiated White



**W596**

2.4mm Tig Tungsten Electrode - Zirconiated White



**W597**

1.6mm Tig Tungsten Electrode - Ceriated Grey



**W598**

2.4mm Tig Tungsten Electrode - Ceriated Grey



**W002**

Auto Darken Welding Helmet - 9-13 Shade



**W003**

Auto Darken Welding Helmet - 5-8 / 9-13 Shade



**W159**

Auto Darken Welding Helmet with PAPR Respiratory System - 5-9, 9-13 Shade



**W1000A**

Promax HV5 Welding Jacket



**W1001A**

Promax Blue FR Welding Jacket



**W1002A**

Professional Promax BL7 Welding Jacket



**W101**

TIG Welding Gloves - 310mm



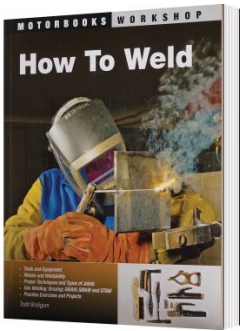
**W100**

ROGUE™ Heavy Duty Welding Gloves - 400mm



Product Brochure For W165

L3456  
How to Weld Book



W225  
Welding Curtain



W125  
Ø1.6mm TIG Filler Rod - Mild Steel



W126  
Ø2.4mm TIG Filler Rod - Mild Steel



W127  
Ø1.6mm TIG Filler Rod - Stainless Steel



W128  
Ø2.4mm TIG Filler Rod - Stainless Steel

