

Product Brochure For W1691

TIG /MMA Welder - VIPER 180 AC/DC Mk II TIG Welder

#U12001K

5-180 Amps Welding Current Range



ORDER CODE:	W1691
Type:	TIG WELDER
MODEL:	VIPER™ 180 AC/DC MkII
Part Number:	#U12001K
Voltage / Amperage (V / amp):	240 / 10
Recommended Plug (amp):	10
Input Frequency (Hz) (Hz):	~
Input Current (amp):	~
I _{max} (A) (amp):	~
I _{eff} Current (amp):	8.9
Power Rating (kVA):	~
Rated Output Current (amp / V):	~
Range of Output Current (amp):	180 - TIG & 130 - MMA
Arc Force (amp):	0 - 40
No Load Voltage (V):	7-55
Pre-Flow (S) (sec):	0.1 - 3
Clean Width (%) (%):	~
Slope-Down Time (S) (sec):	0 - 15
Post-Flow Time (sec):	0.5 - 15
Base Current (%):	~
Pulse Frequency (Hz):	0.2 - 200
Pulse Duty Cycle (%):	10 - 90
TIG Welding Thickness Range (mm):	~
MMA Welding Thickness Range (mm):	~
MMA Electrode Range (mm):	~
Duty Cycle 40 Deg C - TIG (% @ amp):	15 @ 180
Duty Cycle 40 Deg C - MMA (% @ amp):	10 @ 130
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):	~
Dinse Connector:	~
Protection Class:	IP21S
Insulation Class:	F
Standard:	~
Remote Control (Yes / ~):	~
Recommended Generator (kVA):	9
Efficiency (%):	~
Power Factor:	~
Dimensions (mm):	480 x 166 x 344
Nett Weight (kg):	11

Description

The VIPER™ 180 AC/DC MK II TIG & STICK Welder was made for the handyman who wants both AC and DC TIG welding at a good price. Fitted with your standard 10 AMP plug, it makes itself at home in any workshop. This updated MK II Version is both smaller and lighter over its predecessor.

The VIPER™ 180 AC/DC allows for full control over the High-Frequency TIG welding process to ensure you can maximise your results from start to finish. Controllable parameters include Pre Gas Time, Start Current, Up Slope and Down Slope Time, Finish Current Level and Post Gas Time, among many others.

The all-new ARC TORCHOLOGY T2 TIG Torch comes standard with the VIPER™ 180 AC/DC, offering up to 30% better power-to-weight ratio and longer consumable lifecycles. A Remote Foot Control can also be plugged into the machine for even more versatility.

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With all of these features packed into an affordable package, the VIPER™ 180 AC/DC is a must-have for any DIY TIG enthusiast.

Features

- AC/DC High-Frequency TIG
- Pulse TIG Function
- 10 AMP Plug
- Foot Control Ready
- 2T/4T Torch Modes
- Remote Control Module

Includes

- VIPER™ 180 AC/DC MK II TIG Welder
- 4m High-Performance T2 TIG Torch
- 4m Twist Lock Electrode Holder
- 300 Amp Earth Clamp & Lead
- Argon Flowmeter Regulator
- 2m Gas Hose Complete with fittings
- Operating Manual

Optional Accessories

- Foot Control (W1722A)

Specific Features



Right Side



Front



Left Side

Recommended Accessories

W241

Universal Welder Trolley

W2415

TRI-CART Multi-Machine
Welding Trolley

W501A

M350 MIG Torch Consumables
Starter Kit

W504A

T2 Tig Torch Consumable Pack



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W10361

Magnetic TIG Torch Rest



W1722A

Wired Universal Foot Pedal



W119

Anti-Spatter Spray



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



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W161

Argon Gas Regulator-Bobbin
Flowmeter



W160A

Argon Gas Regulator-Twin
Gauge



W5991

Ø10mm Ceramic Nozzle



W5993

1.6mm Collet Body



W5994

2.4mm Collet Body



W5996

Head Gasket



W5997

Heat Isolator



W5998

Long Black Cap



W5999

Short Back Cap



W590

1.6mm Tig Tungsten Electrode -
Zirconiated White



W596

2.4mm Tig Tungsten Electrode -
Zirconiated White



W597

1.6mm Tig Tungsten Electrode -
Ceriated Grey



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W598

2.4mm Tig Tungsten Electrode - Ceriated Grey



W002

Auto Darken Welding Helmet - 9~13 Shade



W1000A

Promax HV5 Welding Jacket



W1001A

Promax Blue FR Welding Jacket



W1002A

Professional Promax BL7 Welding Jacket



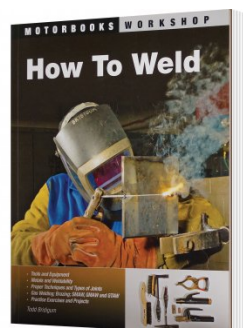
W100

ROGUE™ Heavy Duty Welding Gloves - 400mm



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

