Auckland: (09) 2717 234
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Product Brochure For W242

MIG/TIG/MMA WELDER - VIPER MULTI 185

#U11260

30-180 Amps Welding Current Range

Ex GST	Inc GST
$1,195.65	$1,375.00



ORDER CODE:	W242
MODEL:	VIPER MULTI 185
Type:	MIG / TIG / STICK & Multifunction Welder
Part Number:	U11260
Voltage (V):	240
Recommended Plug Amperage (amp):	10
Welding Current Range - MIG (amp):	30 - 185
Welding Current Range - STICK (amp):	20 - 180
Welding Current Range - TIG (amp):	20 - 185
Duty Cycle (% @ amp):	10 @ 185 MIG
Wire Spool Size (kg):	1 & 5
Ferrous Wire Size - Range (mm):	0.6 - 1.0
Stainless Steel Wire Size - Range (mm):	~
Aluminium Wire Size - Range (mm):	~
MMA Rod Size (mm):	~
Wire Feeding Speed (m/min):	~
Recommended Generator (KVA):	10
Dimensions (mm):	523 x 214 x 388
Nett Weight (kg):	13.5

Description

Now with single pulse MIG, the VIPER MULTI 185 is the perfect multi-process machine for all those home repairs and hobby projects you've got planned.

Key Features
4.3" Colour LCD Interface
Change settings with ease with the intuitive controls and next-generation user interface.

Smart Fan
Smart Fan diminishes noise, saves power, helps reduce energy costs, and minimises the number of contaminants being pulled through the machine.

Power Factor Correction (PFC)
Get the most out of your machine. The PFC maximises the electrical efficiency of the machine and automatically compensates for any voltage fluctuations, so you get more output power and the internal components last longer.

Job Memory
The job memory function allows you to enter and store weld parameter settings. Weld parameters can be further adjusted and stored as required. A total of 10 Jobs can be memorised and stored for recall.

Generator Compatible
Going off the grid? The VIPER MULTI 185 can be connected to a generator, we recommend one with at least 10kVA.

IP21S Rating
Rated IP21S, so itâ€™s protected from touch by fingers and objects greater than 12mm, and water spray from a vertical direction.

Foot Control Ready
Enjoy greater control and precision with our optional foot control accessory. This handy feature allows you to easily adjust your TIG amperage on the fly, without interrupting your torch movement.

MIG Features
Single Pulse MIG
Less spatter. Lower heat. Smoother results. Streamline your welds with the single pulse functions.
A single pulse weld alternates between a peak and base current, which works to minimise the amount of heat input without compromising on any of the penetration. The addition of a base current and reduction in heat means it's perfect for softer materials like aluminium. Pulse welding is also done by spray transfer, eliminating spatter and cutting your post-weld clean-up time.

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MIG Smart-Set
Setting up for a weld has never been easier, just set your wire material and size, gas, and joint type and youâ€™re ready to weld!

Complete MIG Weld Cycle Control
Get complete control over your MIG welds with a full set of adjustable parameters, such as pre- and post-gas flow, inductance, and burnback.

Spool Gun Ready
Make welding aluminium even easier. No need to change your existing setup. The spool gun lets you quickly switch over and get any job done with no downtime.

Adjustable Arc Length
Get absolute precision on your settings. The adjustable arc length allows you to increase or decrease the preselected voltage while in synergic and pulse MIG modes.

Burnback Adjustment
Stop your wire from ever fusing with your weld or your contact tips again. Tune your burnback control to suit how much wire you want to remain sticking out from your torch when you finish a weld.

Gas-Shielded & Gasless Wires
This machine supports both gas-shielded MIG and gasless MIG, meaning you can run mild steel, stainless steel, aluminium as well as flux-cored MIG wires.

Inductance Control
Change the frequency of your short circuit MIG welds with the Inductance settings, so you can choose your preferred arc characteristics.

Geared Wire Drive
This machine features a geared roller drive unit, providing consistent and smooth wire feed, and it helps when using longer MIG torches.

TIG Features
TIG Smart-Set
The easiest way to set up for a TIG weld, simply set your filler material, joint type, tungsten diameter, material thickness, and gas and youâ€™re good to go!

High-Frequency TIG
Maximise your results from start to finish. A high-frequency torch can start an arc without contacting the workpiece, reducing the risk of contaminating the tungsten or the weld. It also means you get access to the entire TIG weld cycle, including pre- and post-gas and up and down slope parameters.

MMA Features
Hot Start
The Hot Start feature gives a boost of current at the beginning of your weld, stabilising your ignition and eliminating any issues with striking an arc, especially on difficult electrodes.

Arc Force
The Arc Force feature helps to keep the arc stabilised throughout the weld, by increasing or decreasing the peak current to compensate for your arc length, preventing the arc from cutting out or the electrode from sticking.

Anti Stick
The Anti Stick feature, which is always on, prevents your electrode from sticking to your workpiece. When the machine detects sticking, the current will drop significantly, so the electrode can be removed.

Features

- Single pulse MIG programs & high-frequency DC TIG
- MIG Smart-Set weld modes for complete synergic setups
- 10 amp plug, so you can use it with any domestic outlet
- Dinse Connector: 35/50

- Welds:
- MIG: Mild Steel, Stainless Steel, Aluminium, Silicon Bronze
- MMA: Mild Steel, Stainless Steel, Cast Iron
- TIG: Mild Steel, Stainless Steel, Copper, Silicon Bronze, Titanium

- MIG Welding Thickness Range: 1-10mm
- TIG Welding Thickness Range: 1-6mm

- STICK Electrode Range: 2.5-4.0mm
- STICK Welding Thickness Range: 2-10mm

Includes

- VIPER MULTI 185 Welder
- 3m M26 MIG Torch
- 3m Twist Lock Electrode Holder
- 3m 300 Amp Earth Clamp & Lead
- Argon Regulator
- 1.8m Quick-Connect Gas Hose
- 9-to-9 Pin TIG Torch Adapter
- Operating Manual
- 0.8-0.9mm V Groove Roller

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- 0.8-0.9mm F Groove Roller
- 1.0-1.2mm U Groove Roller

Specific Features



Included Accessories



Left View



Front View

Recommended Accessories

W5518
0.8mm Binzel Style M8 Contact Tips - Steel



W5519
0.9mm Binzel Style M8 Contact Tips - Steel



W5520
1.0mm Binzel Style M8 Contact Tips - Steel



W5520A
1.0mm Binzel Style M8 Contact Tips - Aluminium



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W5521A
1.2mm Binzel Style M8 Contact Tips - Aluminium



W5522
Binzel Style 38 Conical Gas Nozzles



W5523
Binzel Style DM26 Tip Holders M8



W5524
Binzel Style DM26 Gas Diffusers M8



W1140FA
Elbor 5356 Aluminium Mig Wire 2kg



W241
Universal Welder Trolley



W2415
TRI-CART Multi-Machine Welding Trolley



W10362
Magnetic MIG Torch Rest



W1140D
Argon Gas Regulator-Twin Gauge



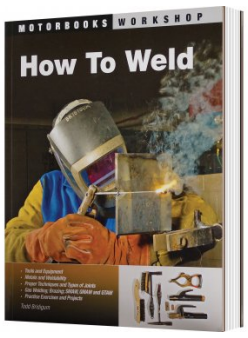
W001
Auto Darken Welding Helmet - 9~13 Shade



W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



L3456
How to Weld Book



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W08450
FIXTURE TABLE



W08500
40pc Square & Round Welding Table Clamp Kit



W08510
Weld Clamps with Locking Nuts (2 Piece Pack)



C103
228mm Muliti-Purpose Locking Clamp



W08512
Weld Clamps with Locking Nuts (2 Piece Pack)



W08515
38mm x M12 Multi-Purpose Riser/Stops (Spigot Type) - 4pc Pack



V099
90 degree Angle Vice Clamp



V100
90 degree Angle Vice Clamp

