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Product Brochure For W2432

MIG/DC-TIG/STICK WELDER - ENVY MULTI 195



On Sale

Ex GST	Inc GST
~~$1,544.55~~	~~$1,699.01~~
$1,453.64	$1,599.00

ORDER CODE:	W2432
MODEL:	ENVY Multi 195
Type:	MIG / DC-TIG / STICK & Multifunction Welder
Part Number:	U11204
Voltage (V):	240
Recommended Plug Amperage (amp):	10
Welding Current Range - MIG (amp):	25 - 195
Welding Current Range - STICK (amp):	10 - 195
Welding Current Range - TIG (amp):	10 - 195
Duty Cycle (% @ amp):	15 @ 195 - MIG & 30 @ 195 - TIG
Wire Spool Size (kg):	1 & 5
Ferrous Wire Size - Range (mm):	0.6 - 1.2
Stainless Steel Wire Size - Range (mm):	~
Aluminium Wire Size - Range (mm):	~
MMA Rod Size (mm):	~
Wire Feeding Speed (m/min):	~
Recommended Generator (KVA):	8.5
Dimensions (mm):	640 x 210 x 400
Nett Weight (kg):	15.5

Description

Get unmatched performance, the ENVY MULTI 195 is a 10A multi-process welder the produces professional-grade welds every time.

Not All Pulse Machines Are Equal
Less spatter. Lower heat. Smoother results. Streamline your welds with the single and double pulse functions.

Double Pulse
A double pulse weld alternates between a peak current and two base currents, reducing the heat input of the weld even further than single pulse, while still maintaining all of the benefits. Because of the faster freezing puddle, your double pulse welds come out looking just like a stack of dimes. You get the aesthetics of a TIG weld with all the speed of spray MIG.

Single Pulse
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.

MIG Smart-Set
Ready to weld with the press of a few buttons. Simply select your joint type, filler wire, gas mixture, and wire diameter, and the machine will choose the ideal settings. If it’s a little off, you can make manual adjustments to finetune every weld.

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.

TIG Smart-Set
Starting a weld has never been faster with the class-leading synergic TIG. Choose your material, joint type, tungsten diameter, plate thickness, and gas mixture, and you’re off and running. If it’s not quite right, you can tweak the parameters to perfection.

Hot Start
Get the smoothest arc starts possible. The Arc Start function gives you the option of either a boost of current or a reduction in current at the beginning of your weld. The arc start eliminates any issues with starting on cold metal, lets you weld on thicker materials, stops burn through on thinner materials, and makes welding aluminium even easier.

Crater Fill
End your welds as strong as they started. The Arc End feature ramps your welding current and voltage down at the end of a weld, filling it in at a lower amperage, eliminating craters and pinholes.

Digital 4 Geared Wire Drive
Experience unparalleled accuracy with our Digital 4 Geared Wire Drive system. Designed to sustain a consistent arc in varying conditions and with different wire types, it ensures an accurate wire feed speed. With this system, achieving precision in every welding task is effortless.

Optional Foot Pedal
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. Wireless and wired options available.

Push-Pull Gun
Achieve smooth and steady wire feeding, especially when using softer wires such as aluminium. With a 'Pull' motor built into the torch, the wire can be fed over a greater distance, granting you the freedom to move and manoeuvre with ease while MIG welding.

Spool Gun
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.

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.

Inverter Technology
Not every inverter is made equal. With UNIMIG's ever-evolving, state-of-the-art IGBT Inverter technology, you get better performance, better efficiency, and better reliability.

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

10A Plug
Plug in and play. The 10A plug can be used on any domestic outlet, so it’s perfect for the DIY home handyman or the professional welder looking to take it anywhere.

Advanced MMA Features
Advanced MMA features are designed for improving weld quality and ease of use.

Pulse MMA
Revolutionary pulse stick reduces spatter, improves heat control and makes for easier slag removal, as well as improves the speed and efficiency of vertical up welds without sacrificing any root fusion.

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.

Hot Start
The adjustable hot start is designed to help with striking an arc. The hot start temporarily boosts the output current at the start, making striking an arc, even with difficult electrodes, much easier. You get smoother arc starts, improving the quality of your weld.

Anti-Stick
he 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.

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 100 jobs can be memorised and stored for recall.

Generator Compatible
Take it anywhere. Connect the machine to a generator and use it wherever, whenever you need it. We recommend 8.5kVA for this machine.

Inductance Control
Take complete control of your arc with the inductance settings. By changing the frequency of your short circuit MIG welds with the Inductance controls, you can choose your preferred arc characteristics on every weld.

Dual Gas Inputs
Set up for MIG and TIG at the same time. With dual gas inputs for both weld types, you won’t need to swap your gas when you swap torches. The quick connect inputs also make replacing your gas bottle as simple as unplugging and plugging in.

Lightweight & Portable
Weighing just 15.5kg, you can take this machine with you anywhere.

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.

Features

- Single and double pulse MIG programs & high-frequency DC TIG
- MIG & TIG Smart-Set weld modes for complete synergic setups
- 10 amp plug, so you can use it with any domestic outlet

Includes

- ENVY MULTI 195 Welder

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- 3m M26 Digital MIG Torch
- 4m SR17 TIG Torch
- 4m Twist Lock Electrode Holder
- 4m 300 Amp Earth Clamp & Lead
- Argon Regulator
- 1.8m Quick-Connect Gas Hose
- Operating Manual
- 2 x 0.8-0.9mm V Groove Roller
- 2 x 0.8-0.9mm F Groove Roller
- 2 x 1.0-1.2mm U Groove Roller

Specific Features



Full Kit



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



W241
Universal Welder Trolley



W2415
TRI-CART Multi-Machine Welding Trolley



W10362
Magnetic MIG Torch Rest



W119
Anti-Spatter Spray



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



O300
Gas Refillable Cylinder



O304
Gas Refillable Cylinder



O3045
Gas Refillable Cylinder



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Product Brochure For W2432

O302
Gas Refillable Cylinder



O306
Gas Refillable Cylinder



O3065
Gas Refillable Cylinder



O0171
Argon Gas Regulator



W160A
Argon Gas Regulator-Twin Gauge



W161
Argon Gas Regulator-Bobbin Flowmeter



W001
Auto Darken Welding Helmet - 9~13 Shade



W002
Auto Darken Welding Helmet - 9~13 Shade



W100
ROGUE™ Heavy Duty Welding Gloves - 400mm



W1000A
Promax HV5 Welding Jacket



W1001A
Promax Blue FR Welding Jacket



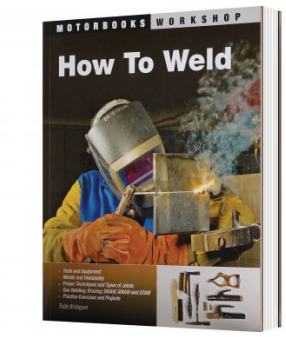
W1002A
Professional Promax BL7 Welding Jacket



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Product Brochure For W2432

L3456
How to Weld Book



W225
Welding Curtain



W138
Ø0.6mm Mild Steel MIG Welding Wire



W140
Ø0.8mm Mild Steel MIG Welding Wire



W138A
Ø0.6mm Mild Steel MIG Welding Wire



W140A
Ø0.8mm Mild Steel MIG Welding Wire



W142
Ø0.9mm Mild Steel MIG Welding Wire



W145C
Ø0.8mm Gasless Mild Steel MIG Welding Wire



W145B
Ø0.8mm Gasless Mild Steel MIG Welding Wire



W145A
Ø0.9mm Gasless Mild Steel MIG Welding Wire



W145
Ø0.9mm Gasless Mild Steel MIG Welding Wire



W08450
FIXTURE TABLE



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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

