

Product Brochure For W180

MIG/TIG/STICK WELDER - MIG 190

#KUMJR190

30-190 Amps Welding Current Range



ORDER CODE:	W180
MODEL:	MIG-MMA-TIG 190
Type:	MIG / TIG / STICK & Multifunction Welder
Part Number:	KUMJR190
Voltage (V):	240
Recommended Plug Amperage (amp):	15
Welding Current Range - MIG (amp):	30 - 190
Welding Current Range - STICK (amp):	10 - 160
Welding Current Range - TIG (amp):	10 - 160
Duty Cycle (% @ amp):	35 @ 175
Wire Spool Size (kg):	1 & 5
Ferrous Wire Size - Range (mm):	0.6 - 0.9
Stainless Steel Wire Size - Range (mm):	0.8 - 0.9
Aluminium Wire Size - Range (mm):	0.9 - 1.0
MMA Rod Size (mm):	~
Wire Feeding Speed (m/min):	~
Recommended Generator (KVA):	9
Dimensions (mm):	480 x 230 x 360
Nett Weight (kg):	19



Description

The Uni-Mig190 is an inverter-based portable MIG welding machine with added MMA and Tig function. The MIG function allows you to weld with both Gas Shielded and Gasless wire. Easy stepless adjustment of voltage and wire feed make for easy setting of welding parameters giving excellent, professional welding results. Wire inch gives easy feeding of the wire during set up without gas wastage.

Added MMA welding capability delivers easy electrode welding with high quality results, including cast Iron, stainless and low hydrogen. Connection of the SR17V TIG torch provides quality DC TIG ((Lift Arc ignition) welding of steel, stainless steel and copper.

A semi-industrial machine, it is lightweight and portable, an optional trolley with tool trays and cylinder rack provides off the floor operation and better manoeuvrability around the workshop. Being 240v single phase gives great portability, it can be run from any 15 Amp power socket providing more flexible use for site and home workshop locations. Ideal for general engineers, maintenance workshop, rural workshop, panel beaters, home workshop. Designed and built to our specification.

Features

- Latest IGBT Inverter Technology
- Multifunction Inverter:
- - MIG
- - DC TIG (WITH LIFT ARC IGNITION)
- - MMA
- Spool Gun Compatible
- Digital Voltage & Amperage Meters
- Geared Wire Drive
- Voltage Reduction Device (VRD)
- Fully Compliant to AS 60974-1

Includes

- UNI-MIG 190 Multifunction Welding Inverter
- SB244M 4M Ergo MIG torch with Euro fitting connection
- 4M ARC lead set 10-25mm Dinse style connections
- UNI-FLAME Twin Gauge Argon Regulator
- Gas Hose with Fittings

Optional Accessories

- 17V-4MCP2 Tig torch (W170A)
- Spool gun (W181A / W181B)

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TECHNOLOGY
MITS
MIG-TIG-STICK

Recommended Accessories

W241

Universal Welder Trolley



W2415

TRI-CART Multi-Machine
Welding Trolley



W10362

Magnetic MIG Torch Rest



W10361

Magnetic TIG Torch Rest



W563

MIG Torch - 3 Metre



W170A

Air Cooled TIG Welding Torch



W119

Anti-Spatter Spray



O0184

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



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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



W160A

Argon Gas Regulator-Twin
Gauge



W161

Argon Gas Regulator-Bobbin
Flowmeter



W100

ROGUE™ Heavy Duty Welding
Gloves - 400mm



W001

Auto Darken Welding Helmet -
9-13 Shade



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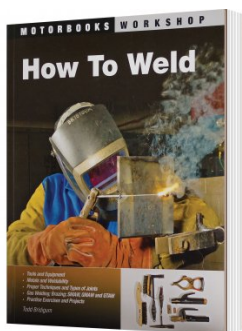
W002

Auto Darken Welding Helmet -
9-13 Shade



L3456

How to Weld Book



W225

Welding Curtain



W138

Ø0.6mm Mild Steel MIG
Welding Wire



W138A

Ø0.6mm Mild Steel MIG
Welding Wire



W140

Ø0.8mm Mild Steel MIG
Welding Wire



W140A

Ø0.8mm Mild Steel MIG
Welding Wire



W142

Ø0.9mm Mild Steel MIG
Welding Wire



W143

Ø1.0mm Aluminium MIG
Welding Wire



W144

Ø1.2mm Aluminium MIG
Welding Wire



W145

Ø0.9mm Gasless Mild Steel
MIG Welding Wire



W145A

Ø0.9mm Gasless Mild Steel
MIG Welding Wire



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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



V099

90 degree Angle Vice Clamp



V100

90 degree Angle Vice Clamp



W546

10 x 0.6mm Contact Tips - Steel



W548

10 x 0.8mm Contact Tips - Steel



W549

10 x 0.9mm Contact Tips - Steel



W549A

10 x 0.9mm Contact Tips - Aluminium



W550

10 x 1.0mm Contact Tips - Steel



W550A

10 x 1.0mm Contact Tips - Aluminium



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W552

10 x 1.2mm Contact Tips - Steel



W552A

10 x 1.2mm Contact Tips - Aluminium



W539

0.6-0.8mm Blue Steel Liner



W538

1.0-1.2mm Red Steel Liner



W567

1.0-1.2mm Red Aluminium Liner



W555

2 x Conical Nozzles



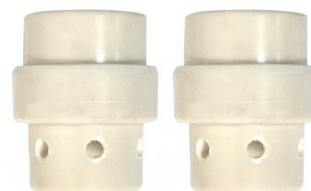
W557

2 Contact Tip Holders



W556

2 x Gas Diffusers



W558

Swan Neck Assembly

