



FEATURES

- 10 AMP Plug
- MIG with Gas and Gasless function
- DC Lift Arc TIG
- STICK (MMA)
- Thermal overload protection
- IP21S rating for environmental/safety protection
- Geared Wire Drive
- VRD (Voltage Reduction Device)
- Spool Gun Ready

OVERVIEW

The VIPER MIG 185 is the ultimate multi process welder for the DIY enthusiast wanting MIG, TIG and STICK welding functions. Buying multiple welders can be costly, especially for your personal projects and repair jobs. Combining the power of multiple machines into the convenience of one allows you to maximise your time and money saved.

Featuring new and more efficient technology, the VIPER MIG 185 gives you the freedom of setting up your welder anywhere with a 10 AMP power outlet. Be ready to experience insane performance, regardless if you're a beginner or a pro.

MACHINE PACKAGE: KUMJRVM185

- VIPER MIG 185 Power Source
- 4m SB15 Sure Grip MIG Torch (including consumables)
- 4m Twist Lock Electrode Holder
- 300 Amp Earth Clamp & Lead
- Twin Gauge Argon Regulator
- 2m Gas Hose Complete with fittings
- Operating Manual

VIPER MIG 185 FEATURES



TECHNICAL DATA	
SKU	KUMJRV185
PRIMARY INPUT VOLTAGE	240V Single Phase
SUPPLY PLUG	10 AMP
RATED INPUT POWER (kVA)	7.1
I _{eff} (A)	9.8
I _{max} (A)	31.0
RATED OUTPUT	30A/15.5V - 180A/23.0V
NO LOAD VOLTAGE (V)	62
PROTECTION CLASS	IP21S
INSULATION CLASS	F
POWER FACTOR	0.7
DINSE CONNECTOR	35/50
STANDARD	AS/NZ60974-1
WELDS	Mild Steel, Stainless Steel, Cast Iron, Silicon Bronze, Aluminium, Copper
WARRANTY (Years)	2

MIG SPECIFICATIONS	
MIG WELDING CURRENT RANGE	30-180A
MIG DUTY CYCLE @ 40°C	10% @ 180A
MIG WIRE SIZE RANGE	0.6-0.9mm
MIG WIRE SPOOL SIZE	1kg / 5kg
MIG WELDING THICKNESS RANGE	3mm - 10mm
DRIVE ROLLER SIZE	30/10

TIG SPECIFICATIONS	
TIG FUNCTION TYPE	DC Lift Arc
TIG WELDING CURRENT RANGE	10-160A
TIG DUTY CYCLE @ 40°C	10% @ 160A
TIG WELDING THICKNESS RANGE	1mm - 6mm

STICK SPECIFICATIONS	
STICK WELDING CURRENT RANGE	10-160A
STICK DUTY CYCLE @ 40°C	10% @ 160A
STICK ELECTRODE RANGE	2.5-4.0mm
STICK WELDING THICKNESS RANGE	2mm - 12mm

SIZE & WEIGHT	
DIMENSIONS (mm)	553x214x388mm
WEIGHT (kg)	12.0kg

MACHINE FEATURES	
WIRE DRIVE	Geared
VRD	Yes
SPOOL GUN CONNECTION	Yes
BURNBACK ADJUSTMENT	Yes
WIRE INCH	Yes
THERMAL OVERLOAD PROTECTION	Over Temperature Warning