

2. Machine Features



10A Plug

Plug in and play. The 10A power 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.

LED Amperage Display

Precise to the amp, the bright LED display makes it easier to dial in your desired amperage setting.

IGBT 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.

DC Lift Arc TIG

Lift Arc ignition allows the arc to be started easily in DC TIG by simply touching the tungsten to the workpiece and lifting it up to start the arc. This stops the tungsten tip sticking to the workpiece and breaking the tip from the tungsten electrode.

Lightweight & Portable

Weighing just 4kg, the VIPER ARC 140 is ready to go anywhere you need it.

Generator Ready

Minimum 8 kVA recommended.

4. Machine Specifications

Technical Data

Parameter	Values
SKU	U31006
Primary Input Voltage	240V Single Phase
Supply Plug	10 AMP
I_{eff} (A) (MMA)	9.9
Rated Output (MMA)	20A/20.8V - 140A/25.6V
No Load Voltage (V)	69
Protection Class	IP21 S
Insulation Class	H
Minimum Generator (kVA)	8.0
Dinse Connector	10/25
Standard	AS/NZ60974-1
Warranty (Years)	1
MMA Material Types	Mild Steel, Stainless Steel, Cast Iron
TIG Material Types	Mild Steel, Stainless Steel, Copper, Bronze

TIG Specifications

TIG Function Type	DC Lift Arc
TIG Welding Current Range	20-140A
TIG Duty Cycle @ 40°C	15% @ 140A 60% @ 70A 100% @ 54A
TIG Welding Thickness Range	1-5mm

STICK Specifications

STICK Welding Current Range	20-140A
STICK Duty Cycle @ 40°C	15% @ 140A 60% @ 70A 100% @ 54A
STICK Welding Thickness Range	2-8mm

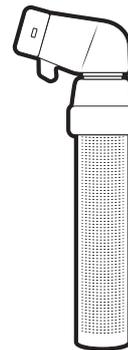
Size & Weight

Dimensions (mm)	352×140×260
Weight (kg)	4.0

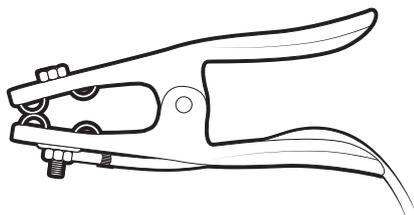
3. Package Contents



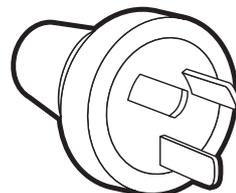
VIPER ARC 140



3m Electrode Holder



3m Earth Clamp



10A Plug Fitted