

VIPER™ 180 AC/DC TIG/STICK Welder

Key Features:

- AC/DC High-Frequency TIG
- Pulse TIG Function
- 10 AMP Plug
- Foot Control Ready
- 2T/4T Torch Modes
- Remote Control Module

2 YEAR
PRODUCT
WARRANTY



TECHNICAL DATA

MACHINE	VIPER TIG 180 AC/DC
SKU	KUM-M-VTIG180ACDC
PRIMARY INPUT VOLTAGE	240V Single Phase
SUPPLY PLUG	10 AMP
RATED INPUT POWER (kVA)	5.2
I_{eff} (A)	8.9
RATED OUTPUT	5-180A
NO LOAD VOLTAGE (V)	7-55
PROTECTION CLASS	IP21S
INSULATION CLASS	F
MINIMUM GENERATOR (kVA)	9 kVA
DINSE CONNECTOR	35/50
STANDARD	AS/NZ60974-1
WELDS	Aluminium, Magnesium, Zinc Alloys, Steels, Stainless, Cast Iron, Bronze, Copper
WARRANTY (Years)	2

TIG SPECIFICATIONS

TIG FUNCTION TYPE	AC/DC H/F TIG & AC/DC PULSE
TIG WELDING CURRENT RANGE	5 - 180A
TIG DUTY CYCLE @ 40°C	15% @ 180A
TIG WELDING THICKNESS RANGE	1mm - 8mm

AC/DC TIG SETTINGS

PRE GAS	0.1-3.0s
START AMP	5-180A
UP SLOPE	0-10s
PEAK AMP	5-180A
AC SQUARE WAVE	20-250Hz
AC BALANCE CONTROL	±10
DOWN SLOPE	0-15s
FINISH AMP	5-180A
POST GAS	0.5-15.0s
PULSE FREQUENCY	0.2-200Hz
PULSE WIDTH	10-90%
SPOT	0.5-10s

STICK SPECIFICATIONS

STICK WELDING CURRENT RANGE	10-130A
STICK DUTY CYCLE @ 40°C	10% @ 130A
STICK ELECTRODE RANGE	2.5-3.2mm
STICK WELDING THICKNESS RANGE	2mm - 8mm
ARC FORCE	0-40

SIZE & WEIGHT

DIMENSIONS (mm)	480x166x344mm
WEIGHT (kg)	11kg

MACHINE FEATURES

VRD	Yes
FOOT CONTROL CONNECTION	Yes (UTJCF-4)
THERMAL OVERLOAD PROTECTION	Over Temperature Warning