



ADVANTAGE

✓ **Advanced inverter technology**

for superior TIG performance.

✓ **Generator compatible**

ideal for site use.

✓ **HF and Lift TIG**

ignition meeting all requirements.

✓ **Full function user-friendly**

control panel layout for easy setup of welding parameters.

✓ **Fan on demand (F.A.N.™)**

built-in reduces power and the intake of dust and fumes.

✓ **Recessed controls and connections**

designed to eliminate damage.

✓ **High speed Pulse**

on the V160-T Pulse machine to adjust the arc focus, reduce distortion and increase travel speed.

✓ **Built the Lincoln Way**

Robust and reliable

✓ **2 Years Full Parts and Labour Warranty**

DESIGNED AND ENGINEERED FOR DURABILITY & RELIABILITY

The Invertec® V160-T and V160-T PULSE TIG and Stick welders have been designed and manufactured using the latest digital inverter technology allowing these machines to combine a rugged industrial construction with excellent arc characteristics.

These machines are manufactured in a lightweight but robust outer casing making them portable and ideal for operation even in the most hazardous environments. The flexibility and generator compatibility of this range of equipment allows them to be utilised anywhere on sites and workshops.

The Invertec® V160-T and V160-T PULSE are supplied as standard with all the features you would expect from a professional TIG welding machine including HF TIG ignition, Lift TIG ignition, 2 or 4 step, variable down slope and post flow control.

The V160-T PULSE combines all the above features with the addition of a digital pre-set meter with a Hold Function and a built-in Variable Pulse. The control panel of this range of machines has been designed to show the welding sequence making it user friendly and easy to understand.

A unique feature of the V160-T PULSE is the variable high frequency PULSE that allows the welder to adjust arc focus to suit the application. This will reduce heat input resulting in a more controlled weld with less distortion and increased welding speed.

The Invertec® V160-T and V160-T PULSE are made as solid industrial construction integrated with the features of a professional TIG welding machine capable of the toughest jobs

TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection Class	Insulation Class	Compliance
V160-T	K12017-1	230 - 1ph	16A	10.5	320 x 200 x 430	IP23S	H	EN 60974-1 / EN 50199 CE ROHS
V160-TP	K12018-1							
V160-T-2V	K12017-3	115 / 230 1ph	32/16A					
V160-TP-2V	K12018-3							

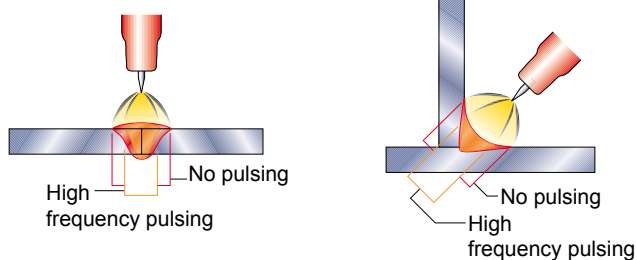
WELDING OUTPUT

Current Range (A)	Rated Output TIG AC (40°C)	OCV
5 - 160	160A / 26.4 @ 35% 130A / 25.2 @ 100%	48 V

ACCESSORIES

Item Number	Description
K10095-1-15m	Hand amptrol 15m
K870	Foot amptrol
KIT-200A-35-5M	Cable kit 5m
GRD-200-35-5m	Ground cable 5m
W0200002	Undercarriage
K10513-17-4	LT17 Gas cooled TIG torch 4m
K10513-17-8	LT17 Gas cooled TIG torch 8m

HIGH FREQUENCY PULSE



Features	Parameters
Down Slope Time	0.5 - 20 sec
Post Flow Time	0.5 - 30 sec
PULSE Frequency (low)	0.2 - 20 Hz
PULSE Frequency high)	3 - 300 Hz
On time peak	10 - 90% (of welding current)
Backgr./Peak Current	10 - 90% (of welding current)

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