

Invertec® V160-TP

ADVANTAGE

- ▶ **Advanced inverter technology**
for superior TIG performance
- ▶ **Generator compatible**
ideal for site use.
- ▶ **HF and Lift TIG**
ignition meeting all requirement
- ▶ **Full function user-friendly**
control panel layout for easy setup of welding parameters
- ▶ **Recessed controls and connections**
to produce a better weld bead appearance at the start.
- ▶ **Fan on demand**
built-in reduces power and the intake of dust and fumes.
- ▶ **High speed Pulse**
on the V160-T Pulse machine to adjust the arc focus, reduce distortion and increase travel speed.
- ▶ **Built in VRD**
increasing operator safety in environments with increased hazard of electric shock
- ▶ **Built the Lincoln Way**
Robust and reliable



DESIGNED AND ENGINEERED FOR DURABILITY & RELIABILITY

The Invertec® V160-T PULSE TIG and Stick welder has been designed and manufactured using the latest digital inverter technology allowing this machine to combine a rugged industrial construction with excellent arc characteristics.

The Invertec® V160-T PULSE is manufactured in a lightweight but robust outer casing making it portable and ideal for operation even in the most harsh environments. The flexibility and generator compatibility of this range of equipment allows it to be utilised anywhere on sites and workshops.

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

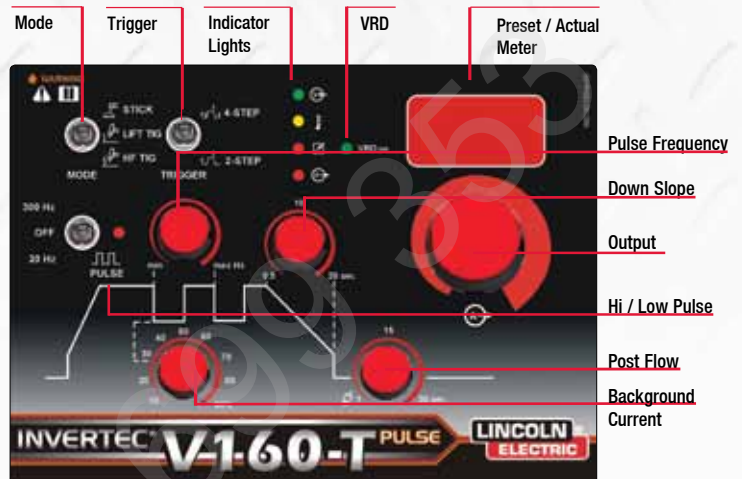
TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection/ Insulation Class	Compliance
V160-TP	K12018-2	240/1/50-60Hz	16A	10.5	320 x 200 x 430	IP23 / H	EN 50199 EN 60974-1 ROHS

WELDING OUTPUT

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

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)



HIGH FREQUENCY PULSE

