



DESIGNED AND ENGINEERED FOR DURABILITY & RELIABILITY

The Invertec® V270-T and V270-TPULSE have been designed and manufactured using the latest digital inverter technology allowing these machines to combine a rugged industrial construction with excellent arc characteristics.

The Invertec® V270-T and V270-TPULSE 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 the V270-T and V270-TPULSE allows them to be utilised anywhere on sites and workshops.

The Invertec® V270-T and V270-TPULSE 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 V270-T and V270-TPULSE, in addition, has a digital pre-set meter with a Hold Function and a built-in Variable

Pulse. The control panels of these machines have been designed to show the welding sequence, making them user friendly and easy to understand. A unique feature of the V270-TPULSE 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, less distortion and increased welding speed.

The V270-T and V270-TPULSE are air-cooled as standard. However by adding the Coolarc 20 water-cooler the units are changed into professional water-cooled TIG welders.

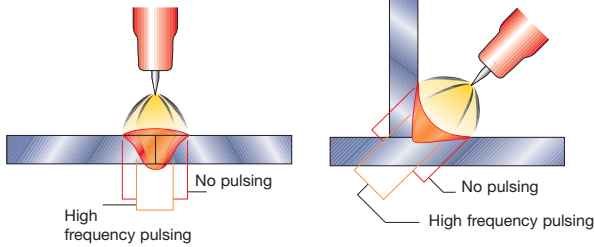
The Invertec® V270-T and V270-TPULSE are made with a solid industrial construction, designed with the integrated features of a professional TIG welding machine capable of the toughest jobs.

ADVANTAGES

- ✓ Excellent arc characteristics, for a wide range of applications
- ✓ Input voltage compensation
- ✓ 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
- ✓ Air-cooled or Water-cooled with use of the Coolarc 20
- ✓ HIGH speed PULSE to adjust the arc focus, reduce distortion and increase travel speed with the V270-T PULSE
- ✓ Weighing only 14.5 Kg, the V270-T and TPULSE are both lightweight and portable
- ✓ Pre-set digital meter with hold function for fully procedured work
- ✓ Fan on demand built-in reduces power and the intake of dust and fumes
- ✓ Recessed controls and connections designed to eliminate damage
- ✓ Meet EN60974-1, ROHS and CE standards for safety and reliability
- ✓ Built the Lincoln way 'RUGGED & RELIABLE'
- ✓ Two Year warranty on parts and labour

Technical Details

HIGH FREQUENCY PULSE*



* For V270-TPULSE version only

FEATURES

Feature	Parameter
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)



TECHNICAL SPECIFICATIONS

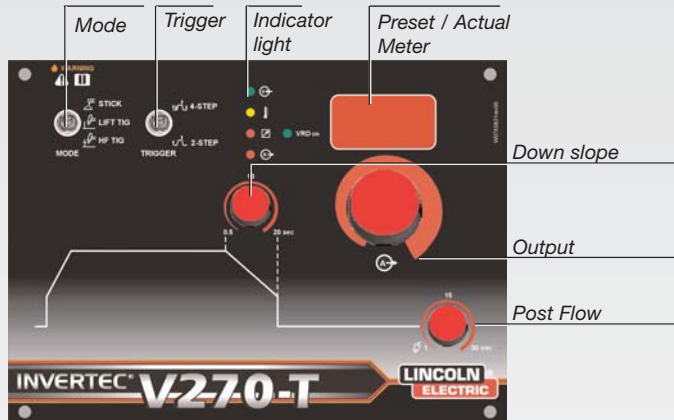
Product Name	Item Number	Standard Voltage	Fuse Size	Weight	Dimensions H x W x D	Protection Class	Insulation Class	Compliance
Invertec® V270-T	K12023-1	400V -3ph	20A					
Invertec® V270-TP	K12024-1	400V -3ph	20A	13.5KG	385x215x480	IP23S	H	EN60974-1 / EN50199 CE
Invertec® V270-TP-2V	K12024-3	230/400 - 3ph	35/20A					

WELDING OUTPUT

Current Range	Rated Output TIG DC (40°C)	Rated Output MMA DC (40°C)	O.C.V.
5 - 270A	270A /30,8V/35% 200A /28V/100%	270A /30,8V/35% 200A /28V/100%	48Vdc

ACCESSORIES

Designation	Item number
Cable kit 250A, 35mm², 5m	KIT-250A-35-5M
Gas pressure regulator	Consult us
Remote output control - 15m	K10095-1-15M
TIG torch 180A@35%, LT26 G, 4 or 8m	K10513-26-x
TIG torch 320A@100%, LT18 W, 4 or 8m	K10513-18-x
Water cooler Cool Arc™ 20	K1904-1
Undercarriage 2 wheels	W0200002



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