

Lincoln Electric®

**Invertec® V270-TPulse****ADVANTAGE**

- ▶ **Excellent arc characteristics**  
for a wide range of applications
- ▶ **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
- ▶ **Available in dual version model**  
with auto-reconnect between 230/400V
- ▶ **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**  
to adjust the arc focus, reduce distortion and increase travel speed



## DESIGNED AND ENGINEERED FOR DURABILITY & RELIABILITY

The Invertec® V270-T PULSE 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® V270-T PULSE is manufactured in a lightweight but robust outer casing, making it portable and ideal for operation, even in the most hazardous environments. The flexibility and generator compatibility of the V270-T PULSE allows it to be utilised anywhere on sites and workshops.

The Invertec® V270-TPULSE 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-T PULSE, in addition, has a digital preset 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-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, less distortion and increased welding speed.

The V270-T PULSE is air-cooled as standard. However by adding the COOL ARC® 20 water-cooler the unit is changed into professional water-cooled TIG welders.

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

**LINCOLN**®  
**ELECTRIC**  
THE WELDING EXPERTS®

# Invertec® V270-TPulse

## TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection/Insulation Class	Compliance
V270-TP	K12024-1	415V/3/50-60Hz	20A	13.5	385 x 215 x 480	IP23S / H	EN 60974-1 EN 60974-3 EN 60974-10 ROHS

## WELDING OUTPUT

Current range (A)	Rated Output TIG AC (40°C)	O.C.V
5-270	270A / 30.8 @ 35% 200A / 28 @ 100%	48Vdc

## COOL ARC® 20

Product	Item Number	Flow Rate	Dimensions HxWxD (mm)	Tank Capacity	Weight (kg)
COOL ARC® 20	K12031-1	2,5 Liters/min.	180 x 215 x 480	1.7L	8,3 KG

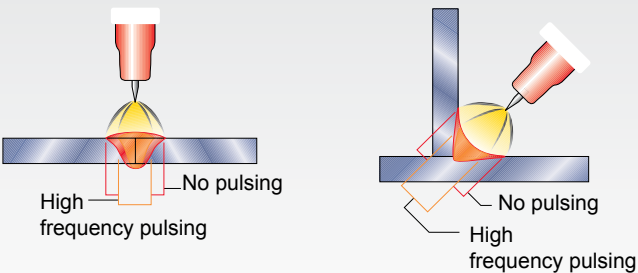


## ACCESSORIES

Item Number	Description
K963-1	Hand amptrol 7.6m
K870	Foot amptrol
KIT-250A-35-5M	Cable kit 5m
GRD-300-50-5m	Ground cable 5m
W0200002	Undercarriage
PC185-8I	Powercraft PC18W TIG torch 8m
PC26FS-8I	Powercraft PC26G 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)

**The Lincoln Electric Company  
(Australia) PTY LTD**  
**35 Bryant Street Padstow 2211 Australia**  
**1300 728 720 (Aus)**  
**0800 728 720 (NZ)**  
[www.lincolnelectric.com.au](http://www.lincolnelectric.com.au)  
[www.lincolnelectric.co.nz](http://www.lincolnelectric.co.nz)

Your Lincoln Electric Distributor:

### CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products. Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change - This information is accurate to the best of our knowledge at the time of printing.

**LINCOLN®**  
**ELECTRIC**  
 THE WELDING EXPERTS®