



## SMART SWITCHING FULL FLEXIBILITY

The Invertec® 205-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 205-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 single phase smart-switching 230V/400V primary input power makes it suitable for operation on site in conjunction with a generator or within a workshop environment, providing maximum flexibility.

The Invertec® V205-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 V205-T *PULSE*, in addition, has a digital pre-set meter with a Hold

Function and a built-in Variable Pulse. The control panel of this machine has been designed to show the welding sequence, making it user friendly and easy to understand. A unique feature 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.

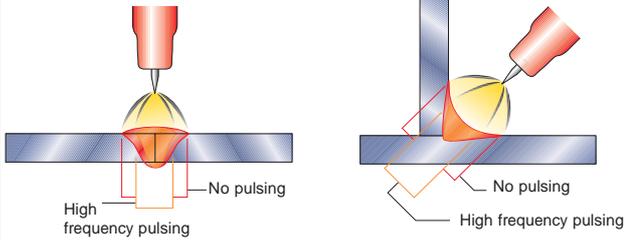
The V205-T *PULSE* is air-cooled as standard. However by adding the Coolarc 20 water-cooler the unit is changed into a professional water-cooled TIG welder.

The Invertec® V205-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.

## ADVANTAGES

- ✓ Single phase smart switching 230V / 400V primary input power
- ✓ 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
- ✓ Lightweight and portable
- ✓ Pre-set digital meter with hold function for fully procedured work
- ✓ Fan on demand built-in reduces 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

## HIGH FREQUENCY PULSE



## FEATURES

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)



## TECHNICAL SPECIFICATIONS

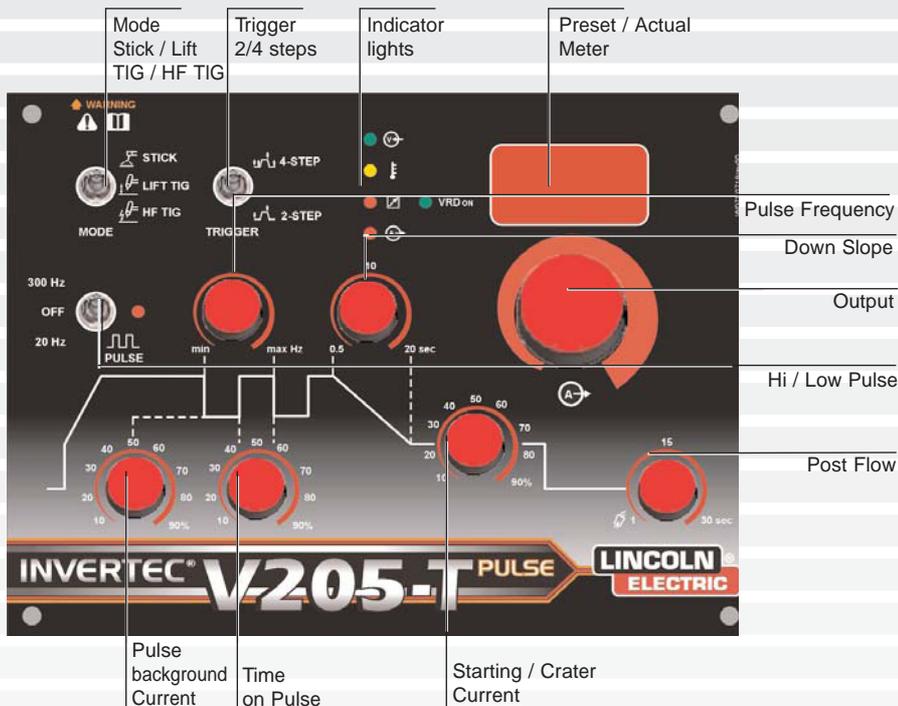
Product Name	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions H x W x D (mm)	Protection Class	Insulation Class	Compliance
Invertec® V205-TP -2V	K12021-1	230/400V 1ph (+/-10%) 50/60Hz50/60Hz	32/20A (slow)	16.8	385x215x480	IP23S	H	EN 60974-1 / EN 50199 CE

## WELDING OUTPUT

Current Range	Rated Output (40°C)	Rated Input	O.C.V.
5 - 200A	200A /28V@35% 170A/26,8V@100%	6,5kW @35% 5,5kW @100%	48Vdc

## ACCESSORIES

Designation	Item number
Cable kit 200A, 25mm <sup>2</sup> , 5m	KIT-200A-25-5M
Gas pressure regulator	Consult us
Remote output control - 15m	K10095-1-15M
TIG torch 140A@35%, LT17 G, 4 or 8m	K10513-17-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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