



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.
- ✓ **Single phase smart switching,**
230V / 400V primary input power
- ✓ **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.
- ✓ **Built the Lincoln Way**
Robust and reliable
- ✓ **2 Years Full Parts and Labour Warranty**

DESIGNED AND ENGINEERED FOR DURABILITY & RELIABILITY

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® V205-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 downslope and

post flow control. In addition, it 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 watercooled 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.

LINCOLN®
ELECTRIC

TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection Class	Insulation Class	Compliance
V205-TP	K12021-1	230/400 - 1ph	35/20A	18.1	385 x 215 x 480	IP23S	H	EN 60974-1 / EN 50199 CE ROHS

COOL ARC® 20

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



WELDING OUTPUT

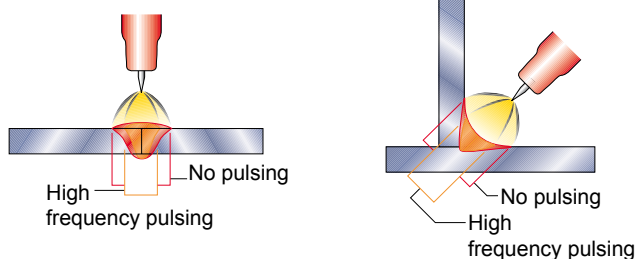
Current Range (A)	Rated Output TIG AC (40°C)	OCV
5 - 200	200A / 28 @ 35% 170A / 26.8 @ 100%	48 V

ACCESSORIES

Item Number	Description
K10095-1-15M	Hand amptrol 15m
K870	Foot amptrol
KIT-200A-25-3M	Cable kit 3m
GRD-200A-35-5M	Ground cable 5m
W0200002	Undercarriage
K10420-1	Acorox (2 x 5L)
K10513-17-4	LT17 Gas cooled TIG torch 4m
K10513-18-4	LT18 Water cooled TIG torch 4m



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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