

ADVANTAGE

- ▶ **Excellent arc characteristics**
for a wide range of applications
- ▶ **Generator compatible**
ideal for site use.
- ▶ **HF and Lift TIG**
ignition meeting all requirement
- ▶ **Single phase smart switching**
230V / 400V primary input power
- ▶ **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**
to adjust the arc focus, reduce distortion and increase travel speed.



Designed and engineered for durability & reliability !

The Invertertec® V205-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 Invertertec® 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 Invertertec® 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 COOL ARC 20 water-cooler the unit is changed into a professional water cooled TIG welder. The Invertertec® 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
THE WELDING EXPERTS®

TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection/ Insulation Class	Compliance
V205-TP	K12021-1	230/400/1/50-60Hz	35/20A	14.1	385 x 215 x 480	IP23S / H	EN 50199 EN 60974-1 ROHS

COOL ARC® 20

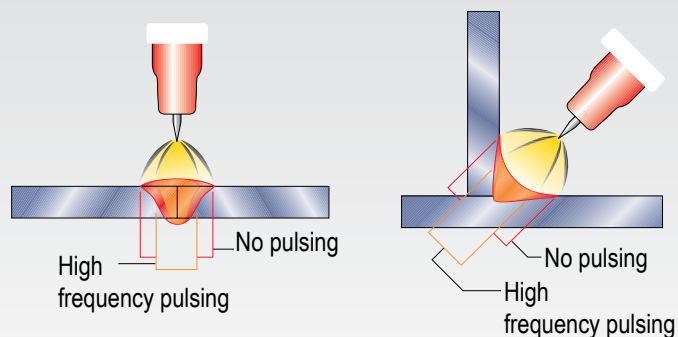
Item Number	Flow Rate	Dimensions HxWxD (mm)	Tank Capacity	Weight (kg)
K12031-1	2,5 Liters/min.	180 x 210 x 480	1.7 L	8.3



WELDING OUTPUT

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

HIGH FREQUENCY PULSE



ACCESSORIES

Item Number	Description
K10095-1-15M	Hand amptrol 15m
K870	Foot amptrol
KIT-200A-35-5M	Cable kit 5m
GRD-200-35-5M	Ground cable 5m
W0200002	Undercarriage
K10513-17-4	LT 17 Gas-cooled TIG torch 4m
K10513-17-8	LT 17 Gas-cooled TIG torch 8m

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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