

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
- ▶ **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® V405-T PULSE has been designed and manufactured using the latest digital inverter technology. Resulting in a machine that combines versatility, rugged industrial construction with excellent arc characteristics.

The Invertec® V405-T PULSE is manufactured in a lightweight but robust outer casing, making it portable and ideal for operation even in the most hazardous environments. Designed with the welder in mind this piece of equipment, with its generator compatibility and complete versatility, can be fully utilized anywhere from sites to workshops. As a professional TIG welding machine the Invertec® V405-T PULSE is a source of all the standard welding features such as: HF TIG ignition, Lift TIG ignition, 2 or 4 step, variable down slope and post flow control.

The V405-T PULSE has also been designed to include a digital pre-set meter with Hold Function and a built-in Variable Pulse. To give the welder an adjustable arc focus a variable high frequency PULSE facility is included. This unique feature allows the arc to be adapted to suit the application while reducing heat input. The result being a more controlled weld, less distortion and increased welding speed. Development focused further on the needs of the welder by designing the control panel to illustrate the welding sequence, making it user friendly, clear and easy to understand.

As a standard the V405-T PULSE is air-cooled, however by simply adding the Coolarc 30 water-cooler the unit is adapted into a professional water-cooled TIG welder.



Invertec® V405-T Pulse

TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection/Insulation Class	Compliance
V405-TP	K12027-1	400V/3/50-60Hz	30A	31	500 x 270 x 610	IP23 / 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
5-400	400A / 36V @ 35% 300A / 32V @ 100%	48Vdc

COOL ARC® 30

Product	Item Number	Flow Rate	Dimensions HxWxD (mm)	Tank Capacity	Weight (kg)
COOL ARC® 30	K12032-1	9 Liters/min.	256 x 276 x 611	6 L	14 KG

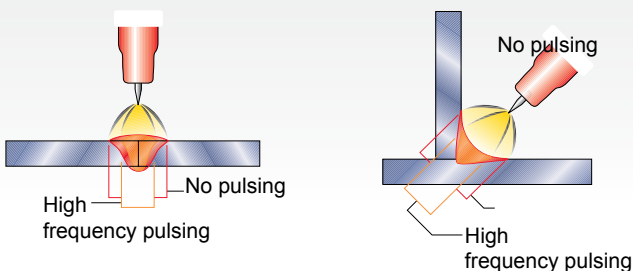


ACCESSORIES

Item Number	Description
K10095-1-15M	Hand amptrol 15m
K870	Foot amptrol
KIT-400A-70-5M	Cable kit, 400A, 70mm ² , 5m
GRD-400-70-5M	Ground cable, 400A, 70mm ² , 5m
K10420-1	Acorox (2 x 5L)
K2694-1	Undercarriage
K10513-18-4	LT 18 W Water-cooled TIG torch 4m
K10513-26-4	LT 26 G Gas-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)

Belgium:
Lincoln Smitweld Belgium
Tel: +32 54 33 42 12
e.mail: info@lincolnelectric.eu

Denmark:
Lincoln Electric Nordic
Tel: +45 86 26 51 00
e.mail: jtimmer@lincolnelectric.eu

Finland:
Lincoln Electric Nordic
Tel: +35 8 10 52235 00
e.mail: jtimmer@lincolnelectric.eu

France:
Lincoln Electric France
Tel: +33 2 32 11 40 40
e.mail: info@lincolnelectric.eu

Germany:
Lincoln Electric Deutschland
Tel: +49 2102 713960
e.mail: info@lincolnelectric.eu

Italy:
Lincoln Electric Italia
Tel: +39 010 754 111
e.mail: info@lincolnelectric.eu

The Netherlands:
Lincoln Smitweld
Tel: +31 24 3522 911
e.mail: info@lincolnelectric.eu

Norway:
Sveiseeksperten AS
Tel: +47 22 08 00 94
e.mail: info@lincolnelectric.eu

Poland:
Lincoln Electric Bester
Tel: +48 74 64 61 100
e.mail: info@lincolnelectric.eu

Portugal:
Electro Arco
Tel: +351 21 238 7300

Russia:
Lincoln Electric Russia
Tel: +7 (495) 6609404
e.mail: russia@lincolnelectric.eu

Spain:
Lincoln Electric Spain
Tel: +34 93 685 96 00
e.mail: info@lincolnelectric.eu

Sweden:
Svetskompaniet AB
Tel: +46 (0) 320 211710
e.mail: info@lincolnelectric.eu

UK/ Ireland:
Lincoln Electric UK
Tel: +44 114 287 2401
e.mail: info@lincolnelectric.eu