

# Invertec® V160-T & TP

## Designed and Engineered for Durability

The Invertec® V160-T & T-Pulse TIG and Stick welders combine a rugged industrial construction with excellent arc characteristics. Their built-in gas solenoid and choice of High Frequency or Lift TIG starting make them ideal for a wide variety of DC TIG applications. They can also weld stick with a variety of popular stick electrodes. Their portable rugged design makes them ideal for both in shop or field use. A unique feature of the V160-T-Pulse is the variable high frequency pulse that allows the welder to adjust the arc focus to suit the applications.

### Features

- Advanced inverter technology for superior TIG performance.
- 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.



### Technical Specifications

Product	Item Number	Primary Voltage (50-60Hz)	Current Range (A)	Rated Output	Fuse Size (A) (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection/Insulation Class
Invertec® V160-T	K12017-1	230V/1Ph	5-160	160A/26.4V/35% 130A/25.2V/100%	16	10.5	320 x 200 x 430	IP23 / H
Invertec® V160-TP	K12018-1				32/16			
Invertec® V160-T 2V	K12017-3	115/230V/1Ph	5-160	160A/26.4V/35% 130A/25.2V/100%	16	10.5	320 x 200 x 430	IP23 / H
Invertec® V160-TP 2V	K12018-3				32/16			

### Processes

- Stick
- Lift TIG / TIG HF
- TIG Pulse (V160-TP)



### Recommended Consumables

- **Steel**  
LNT 25, LNT 26, LNT Ni1, LNT 19
- **Stainless steel**  
LNT 304L, 316L, 309LSi

### Unit Includes

- 2 m input cable
- Carrying strap
- Gas connection kit

### Key Options

- **KIT-200A-25-3M** Cable Kit 200A - 25 mm<sup>2</sup> - 3 m
- **KIT-200A-35-5M** Cable Kit 200A - 35 mm<sup>2</sup> - 5 m
- **GRD-200A-35-xM** Ground cable 200A - 35 mm<sup>2</sup> - 5/10 m
- **K10513-17-x** TIG torch LT 17 G - 140A - 4/8 m
- **K10513-17-xF** TIG torch LT 17 G - 140A - lever grip - 4/8 m
- **K10513-9-x** TIG torch LT 9 G - 110A - 4/8 m
- **K10513-9-xF** TIG torch LT 9 G - 110A - lever grip - 4/8 m
- **K10095-1-15M** Remote control - 15 m
- **W0200002** Undercarriage

### INPUT



### OUTPUT



# Invertec® V205-TP

## Smart switching, full flexibility

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 smart switching 230/400V single phase allows it to be utilised anywhere on site and workshops. It features HF TIG ignition, Lift TIG ignition, 2 or 4 step, variable down slope and postflow control, a digital pre-set meter with a Hold function and built-in Variable Pulse.

### Features

- Smart switching 230/400V single phase.
- HF and Lift TIG ignition.
- HIGH speed PULSE to adjust the arc focus, reduce distortion and increase travel speed.
- Excellent arc characteristics for rutile, basic and cellulosic electrodes up to 4.0 mm.
- Fan as needed (F.A.N.™) built-in reduces power and the intake of dust and fumes.



### Technical Specifications

Product	Item Number	Primary Voltage (50-60Hz)	Current Range (A)	Rated Output	Fuse Size (A) (slow)	Weight (kg)	Dimensions HxWxD (mm)	Protection/Insulation Class
Invertec® V205-TP	K12021-1	230/400V/1Ph	5-200	200A/28V/35% 170A/26.8V/100%	35/20	16.2	385 x 215 x 480	IP23S / H

### Processes

- Stick
- Lift TIG / TIG HF
- TIG Pulse



### Recommended Consumables

- **Steel**  
LNT 25, LNT 26, LNT Ni1, LNT 19
- **Stainless steel**  
LNT 304L, 316L, 309LSi

### Unit Includes

- 2 m input cable
- Carrying strap
- Gas connection kit

### Key Options

- **KIT-200A-25-3M** Cable Kit 200A - 25 mm<sup>2</sup> - 3 m
- **KIT-200A-35-5M** Cable Kit 200A - 35 mm<sup>2</sup> - 5 m
- **GRD-200A-35-xM** Ground cable 200A - 35 mm<sup>2</sup> - 5/10 m
- **K10513-17-x** TIG torch LT 17 G - 140A - 4/8 m
- **K10513-9-x** TIG torch LT 9 G - 110A - 4/8 m
- **K10513-20-x** TIG torch LT 20 W - 220A - 4/8 m
- **K10095-1-15M** Remote control - 15 m
- **K12031-1** Water cooler COOL ARC® 20
- **K10420-1** Coolant Acorox (2x5l)
- **W0200002** Undercarriage

### INPUT



### OUTPUT

