

Inverter[®] V205-T AC/DC

Smart switching, full flexibility

The Inverter[®] V205-T AC/DC is ideal for critical AC or DC TIG welding applications. This full featured TIG welder is also capable of stick welding. Equipped with Power Factor Correction (PFC) Inverter[®] V205-T AC/DC provides almost 30% more output power with the same input current. The 115/230V auto-reconnect makes the V205-T AC/DC truly flexible and the rugged, portable, lightweight design is ideal for shop or field environments. It can be simply changed to a water cooled unit by adding the COOL ARC[®] 20 Water Cooler.

Features

- Advanced inverter technology optimizes arc performance in a light-weight package.
- Suitable for 115-230V (+15%-10%) single phase use smart switching.
- 30% more output current with the same input current allows welding up to 4.0 mm electrode with 16A input.
- Three modes of operation DC TIG, AC TIG or Stick.
- AC or DC output for a wide variety of material types and thicknesses.
- Adjustable AC frequency allows you to focus the arc for precise arc control.



- PFC gives low current consumption, energy saving, low current harmonics and reduction of the total CO₂ produced by the welding process.



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
Inverter [®] V205-T AC/DC	K1855-2	115/ 230V/1Ph	6-200	200A/28V/35% 170A/26.8V/100%	32/16	18	385 x 215 x 480	IP23C / H

Processes

- Stick
- Lift TIG / TIG HF
- TIG Pulse



Recommended Consumables

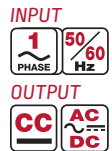
- **Steel**
LNT 25, LNT 26, LNT Ni1, LNT 19
- **Stainless steel**
LNT 304L, 316L, 309LSi

Unit Includes

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

Key Options

- **KIT-200A-25-3M** Cable Kit 200A - 25 mm² - 3 m
- **KIT-200A-35-5M** Cable Kit 200A - 35 mm² - 5 m
- **GRD-200A-35-xM** Ground cable 200A - 35 mm² - 5/10 m
- **K10513-26-x** TIG torch LT 26 G - 180A - 4/8 m
- **K10513-18-x** TIG torch LT 18 W - 320A - 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



Inverter[®] V270-T & TP

Designed and Engineered for Durability

The Inverter[®] V270-T/TP is manufactured in a lightweight but robust outer casing, making it portable and ideal for operation, even in the most hazardous environments. It features HF TIG ignition, Lift TIG ignition, 2 or 4 step, variable down slope and postflow control, a digital preset meter with a hold function and built-in Variable Pulse (for TP models). 2V models can be connected both to 115V AC and 230V AC supply. It can be simply changed to a water cooled unit by adding the COOL ARC[®] 20 Water Cooler.

Features

- Excellent arc characteristics for a wide range of applications.
- Generator compatible, ideal for site use.
- HF and Lift TIG ignition.
- Fully functional user-friendly control panel for easy setup of welding parameters.
- HIGH speed PULSE to adjust the arc focus, reduce distortion and increase travel speed (TP models).



- Fan as needed (F.A.N.[™]) built-in reduces power and the intake of dust and fumes.



Processes

- Stick
- Lift TIG / TIG HF
- TIG Pulse (V270-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 mm² - 3 m
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Inverter [®] V270-T	K12023-1	400V/3Ph	5-270	270A/30.8V/35% 200A/28V/100%	20	15.2	385 x 215 x 480	IP23S / H
Inverter [®] V270-TP	K12024-1				35/20			
Inverter [®] V270-TP-2V	K12024-3	230/400V/3Ph						