

Invertec® 300TPX

Invertec® 400TPX

Industrial TIG welders for tough conditions

The Invertec® 300 and 400TPX have been manufactured in a light-weight but robust outer casing, making them portable and ideal for operation even in the most hazardous environments. These machines feature HF TIG ignition, Lift TIG ignition, 2 or 4 step, variable down slope, post-flow control, digital pre-set meters with hold functions and built-in variable Pulse. Unique pre-settable starting mode allows excellent HF arc start in any welding conditions. Both machines are equipped with ten memory slots allowing for setting of personal welding parameters and procedures. TIG Spot welding mode completes the extensive list of TIG welding features. Both machines have been designed, not only as a TIG welder, but to also operate as a stick welder with a variety of popular stick electrodes including Cellulosic. They can be simply converted to a water-cooled unit by adding the COOLARC® 21 (300TPX) or COOLARC® 46 (400TPX) water-coolers. Robust, stable and well equipped carts are available for easy movement of the units.

Features

- Advanced inverter technology for superior TIG performance.
- Full function user-friendly control panel layout with graph and a numeric display make it easy to set all welding parameters.
- Rugged construction: electrical safety (IP23), potted PC boards and optimum airflow reduce contamination to extend the equipment's life in the harshest environmental conditions.
- HF and Lift TIG ignition meeting all requirements.
- Perfect TIG HF starting with pre-settable starting mode.
- Complete TIG parameters setting: Pulse TIG with variable frequency that allows the welder to adjust the arc focus to suit the applications, 10 memory location for personalized welding setting, TIG Spot welding.
- Water coolers and Carts available



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® 300TPX	K12060-1	400V/3Ph	5-300	300A/22V/40% 220A/18.8V/100%	16	22	349 x 247 x 502	IP23S / H
Invertec® 400TPX	K12043-1		5-400	400A/26V/35% 300A/22V/100%				

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
- Gas connection kit

Key Options

- **KIT-250A-35-5M** Cable Kit 250A – 35 mm² – 5 m
- **KIT-300A-50-5M** Cable Kit 300A – 50 mm² – 5 m
- **KIT-400A-70-5M** Cable Kit 400A – 70 mm² – 5 m
- **GRD-300A-50-xM** Ground cable 300A – 50 mm² – 5/10 m
- **K10529-26-x** TIG torch LTP 26 G – 180A – 4/8m
- **K10529-20-x** TIG torch LTP 20 W – 220A – 4/8m
- **K10529-18-x** TIG torch LTP 18 W – 320A – 4/8m
- **K10095-1-15M** Remote control – 15 m
- **K14103-1** Water cooler COOL ARC® 21 (300TPX)
- **K14105-1** Water cooler COOL ARC® 46 (400TPX)
- **K10420-1** Coolant Acorox (2x5l)
- **K14114-1** Cart ST/TPX (300TPX)
- **K14129-1** Cart TPX (400TPX)
- **K14115-1** Tool box

