

Inverter[®] 270SX Inverter[®] 400SX

Professional welders for tough conditions

The Inverter[®] 270SX & 400SX Stick and Lift TIG welders have been designed and manufactured to combine both a rugged industrial construction with excellent arc characteristics. The machines are built to handle harsh environmental conditions using Lincoln tunnel technology to separate the PCBs and sensitive parts from contaminating cooling airflow. The robust metal case with large protective rubber corners make them suitable for operation on site in conjunction with a generator, or within a workshop environment, providing maximum flexibility and durability. Intensive and extensive testing in the Lincoln lab guarantees the quality of these welders.



Features

- Robust, built for heavy environmental conditions.
- Fully featured and user friendly control panel with digital display allows precise setting of welding current.
- Soft and Crisp mode: multiple arc modes for different electrode types.
- Auto Adaptive Arc force: standard in Soft and Crisp modes the automatic variable Arc Force operates when required.
- Adjustable Hot Start and Arc Force allow a smooth start/restart of the electrode and prevent sticking of the electrode in the weld pool.
- Features "Lift TIG" with no tungsten contamination.
- Maximum output of 270A and 400A allows the use of 5.0 mm (270SX) and 6.3 mm (400SX) electrodes.

Processes

- Stick
- Lift TIG
- Gouging (400SX)



Recommended Consumables

- **Steel**
Pantafix[®], Omnia[®] 46; Baso[®] G, 120, 48SP
- **Stainless steel**
Arosta[®], Limarosta[®], Jungo[®] 304L, 316L, 309S
- **Hardfacing**
Wearshield[®] MM, ME / RepTec

Unit Includes

- 3 m input cable

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
- **K10529-17-4V** TIG torch LTP 17 GV – 4 m
- **K10529-17-8V** TIG torch LTP 17 GV – 8 m
- **K10095-1-15M** Remote control – 15 m
- **W0200002** Undercarriage (270SX)
- **K2694-1** Undercarriage (400SX)

INPUT



OUTPUT



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 [®] 270SX	K12040-1	400V/3Ph	5-270	270A/30.8V/35% 200A/28V/100%	20	23.6	389 x 247 x 502	IP23 / H
Inverter [®] 400SX	K12042-1		5-400	400A/36V/35% 300A/32V/100%	30	36	455 x 301 x 632	

