

TECHNICAL SPECIFICATIONS

Product	Item Number	Primary Voltage	Fuse Size	Weight (kg)	Dimensions HxWxD (mm)	Protection/ Insulation Class	Compliance
160SX	K12050-1	115/230V/1/50-60Hz +/-15%	16A	9	224 x 148 x 385	IP23 / H	EN60974-1 EN61000-3-12 CE - ROHS

WELDING OUTPUT

Process	Input voltage	Current range	O.C.V.	Rated output (40°C)
STICK	230V AC	5-160A	80V	160A / 26.4V @ 30% 100A / 24V @ 100%
	115V AC	5-100A		100A / 24V @ 30% 70A / 22.8V @ 100%
TIG	230V AC	5-160A	12V	160A / 16.4V @ 30% 100A / 14V @ 100%
	115V AC	5-150A		150A / 16V @ 30% 100A / 14V @ 100%

INPUT POWER

Process	Input voltage	Input Current I _{max} /I _{eff}	Input Power (P _{max})	Rated output (40°C)
STICK	230V AC	21,5A/11,8A 12,5A/12,5A	5.0kVA 2.9kVA	160A / 26,4V @ 30% 100A / 24V @ 100%
	115V AC	26,3A/14,4A 16,2A/16,2A	3.0kVA 1.9kVA	100A / 24V @ 30% 70A / 22,8V @ 100%

CONTROL PANEL



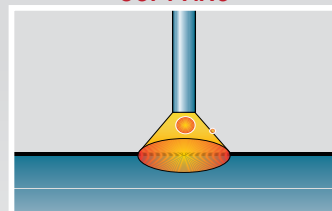
1. Amps Display shows set current at idle and real measured current while welding
2. Status LEDs control equipment electronics functioning and error status
3. Mode Push button and LEDs allow the best process setting: Soft Stick, Crisp Stick or Lift TIG
4. Current setting dial
5. Large connections (35mm²) for professional welding
6. Rubber feet and metal case. No compromise, robust construction

ACCESSORIES

Item Number	Description
KIT-200A-25-3M	KIT Power Cable/Electrode Holder 200A, 25mm ² , 3m
KIT-200A-35-5M	KIT Power Cable/Electrode Holder 200A, 35mm ² , 5m
K10513-17-4V	TIG torch LT17 GV, 4m
K10513-17-8V	TIG torch LT17 GV, 8m

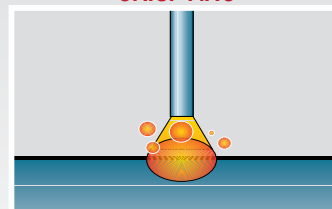
STICK WELDING

SOFT ARC



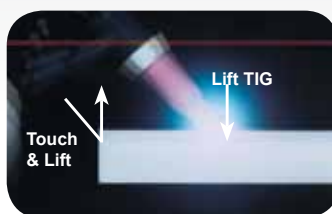
Provides a lower arc force level to deliver a smooth arc with reduced spatter. It provides a clean flat fillet weld with excellent wetting and bead appearance. For stainless electrodes, rutile and low hydrogen electrodes.

CRISP ARC



Provides a more dynamic arc characteristic for welding in all positions. Ideal for cellulosic electrodes

TIG WELDING



The machine has a low open circuit voltage in TIG mode to reduce tungsten contamination. Simply touch the tungsten to the work piece and lift off. The machine will instantly ramp up the voltage and current to establish the arc without the use of high frequency.

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