

Pro-Core® 125



120 Volt AC Input Compact Wire Welder

Basic wire welding for projects and repairs around the shop, farm or home. . . that's where the Pro-Core 125 comes in handy!

Plug in the Pro-Core 125 anywhere common 120 volt input power is available. Set the simple two knob tapped control for your material application and get it done. Right out of the box, the Pro-Core is set up for gas-less flux-cored welding so it's just right for common steel welding, indoors or out. Compare the precise drive, rugged construction and full list of standard accessories. . . Lincoln Pro-Core is a top quality tool for anyone with occasional welding needs.



Shown:
K2479-1 Pro-Core® 125

Output



Input



120 V
INPUT

Processes

Flux-Cored, MIG (with optional kit)

Advantage Lincoln

Superior Arc Performance:

- **Forgiving arc** makes dialing in your application easy.
- **Smooth arc starts** with minimal spatter.
- **30-125 amp welding output range** is enough for many tasks.
- **Weld up to 1/4" steel using self-shielded Lincoln Innershield® wires (FCAW-S)**. With K2526-1 MIG conversion kit, MIG weld 24 gauge up to 12 gauge (.105") sheet metal in a single pass.

Professional Features:

- **Precise Wire Drive** features:
 - Precision full adjustment drive system reduces chance of wire tangling and crushing.
 - Brass-to-Brass gun connections for enhanced connectivity.
 - Large industrial closed-design drive motor for improved torque and trouble-free performance.

- **Spool Gun Ready** – add the optional Magnum 100SG spool gun for reliable operation at the high wire feed speeds aluminum welding demands. No expensive outboard modules required. (Requires K2526-1 MIG Conversion Kit)
- **No Hassle Tool-less Design** – for wire spool mounting, wire drive service and polarity changes.
- **Innovative contact tip, drive roll and nozzle storage** – keeps all your consumables close at hand.

Superb Quality:

- **Power Chassis™** channels airflow to cool power systems, structurally secures key components and traps wires and cables to avoid unnecessary abrasion.
- **Toughest PC Board Protection in the industry** – 'Potted' to seal sensitive components from the environment, 'trayed' in a tough plastic tray to add rigidity and shock resistance.
- **Three Year Lincoln Warranty/90 Days on gun and cable assembly.**

TECHNICAL SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Dimensions H x W x D inches (mm)	Net Weight lbs. (kg)
Pro-Core® 125	K2479-1	120/1/60	90A/19V/20%	20A	30-125 Amps DC 50-500 ipm WFS (1.3-12.7 m/min) Max. OCV: 33	13.7 x 10.15 x 17.9 (357 x 258 x 472)	48 (21.7)



A CLOSER LOOK

SUPERIOR ARC PERFORMANCE

- **Forgiving arc characteristics** make dialing in your application easy.
- **Smooth arc starts** with minimal spatter.



Farm Welding



Home Projects



Repair Work

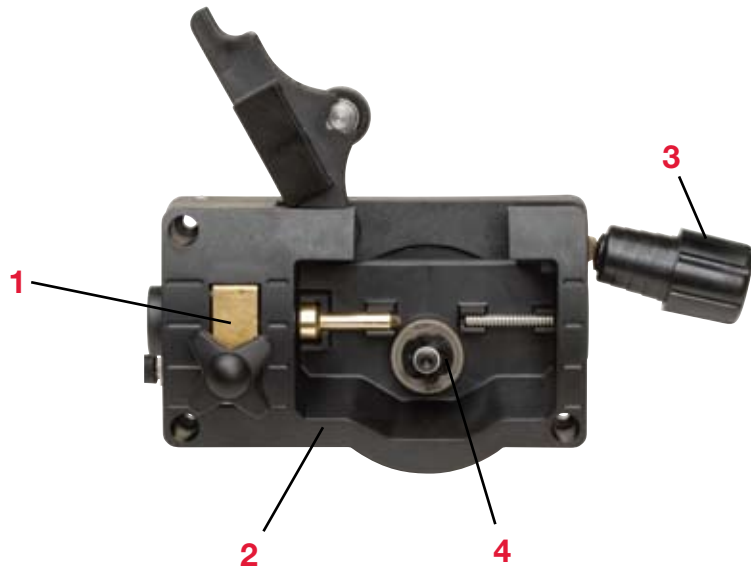
PRECISE WIRE DRIVE

Enhanced Quality

1. Brass Gun Connection Enhances Connectivity
2. Rigid Drive Aids Wire Alignment

Easy to Use

3. Easy Turn Tension Adjustment
4. Tool-less Quick Lock Drive Roll Changeovers



PRECISION ALUMINUM WELDING

Magnum® 100SG Spool Gun

Our low-priced spool gun is your most reliable aluminum feeding solution.



Great For Projects or Repair



Complete Kit. No Bulky Module Required.
Order K2532-1

A CLOSER LOOK

WHAT'S INCLUDED

Pro-Core® (K2479-1) Includes:

Gun

- Magnum® 100L gun and 10 ft. (3.0 m) cable assembly with brass gun connection and 4-pin MS-Type connection for trigger control (K530-6)
- .035" (0.9 mm) Contact Tips (Qty. 3) (KH712)
- Gasless Nozzle for Innershield® welding (KH726)

Drive

- Spindle Adapter for 8" (203 mm) Diameter Spools (KH720)
- .030"-.045" (0.7-1.1 mm) Wire Diameter Knurled Drive Roll for Flux-Cored welding (KP2529-3)

Welding Wire

- 1 lb. (0.45 kg) Spool of .035" (0.9 mm) diameter Innershield® NR®-211-MP flux-cored wire (ED027641)

Other

- Work Clamp and 10 ft. (3.0 m) Cable
- Handshield (G3364)
- Instruction Manual (IM-891)
- How to Use DVD (S26375)
- Learn to Weld Manual (LTW1)

PERFORMANCE PLUS

Pro-Core® 125 Welding Capabilities

Process	Wire Dia.	24ga.	22ga.	20ga.	18ga.	16ga.	14ga.	12ga.	10ga.	3/16"	1/4"	5/16"	3/8"	1/2"
Flux-Cored Welding – Steel	.035"													
	.030"													
MIG Welding ¹ – Steel	.025"													
	.030"													
MIG Welding ² – Aluminum	.035"													

SP- Single Pass.
MP- Multiple Pass.

¹ MIG welding requires optional K2526-1 MIG conversion kit.

² Aluminum welding requires optional K2532-1 Magnum spool gun.

DRIVE ROLLS		
Product Number	Wire Diameter in (mm)	Type/Process
KP2529-1	.025 (0.6)	Smooth/MIG
KP2529-2	.035 (0.9)	Smooth/MIG
KP2529-3	.030-.035 (0.8-1.1)	Knurled/Flux-Cored

RECOMMENDED OPTIONS

GENERAL OPTIONS



Welding Cart

Full-featured cart is designed to store and transport a welder, 80 cubic foot gas cylinder, welding cables and accessories. Includes an angled top shelf for easy access to welder controls, a lower tray for added storage space, a sturdy handle and a convenient cable wrap hanger.

Order **K2275-1**



Utility Cart

Heavy duty cart stores and transports welder, 150 cubic foot shielding gas cylinder, welding cables and accessories. Includes stable platforms for welder and gas bottle platform, lower tray for added storage capacity and adjustable height handle.

Order **K520**

RECOMMENDED OPTIONS

GENERAL OPTIONS CONT.



Small Canvas Cover

Protect your welder when not in use. Made from attractive red canvas that is flame retardant, mildew resistant and water repellent. Includes a convenient side pocket to hold your welding torch or gun.

Order KH495



MIG Conversion Kit

For MIG (GMAW-gas-shielded solid wire) welding. Includes two .025" (0.6 mm) contact tips, gas nozzle, 2 lb. spool of .025" SuperArc™ L-56 mild steel MIG wire, gas regulator for Argon and Argon-blend gases, adapter for CO2 cylinders, gas solenoid (115V), hoses, connectors and instructions.

Order K2526-1

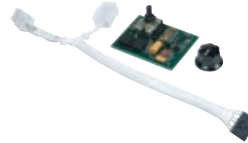


WIRE FEEDER OPTIONS

Magnum® 100SG Spool Gun

Designed to easily feed 4" (102 mm) diameter 1 lb. (0.45 kg) spools of .030" (0.8 mm) or .035" (0.9 mm) diameter SuperGlaze® aluminum MIG wire. Includes gun, adapter kit, .035" (0.9 mm) contact tips (qty. 3), gas nozzle, and a 1 lb. (0.45 kg) spool of SuperGlaze® 4043 .035" (0.9 mm) MIG wire. Packaged in a convenient carrying case.

Order K2532-1



Spot Timer Kit

This timer allows you to set a fixed weld time of up to 10 seconds that is initiated when you pull the gun trigger. Ideal for making consistent spot welds on thin sheet metal.

Order K2525-1

PRO MIG® 140 ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
Pro-Core® 125 – 120/1/60	K2479-1		
Recommended General Options			
Welding Cart	K2275-1		
Utility Cart	K520		
Small Canvas Cover	KH495		
Recommended Wire Feeder Options			
MIG Conversion Kit	K2526-1		
Magnum 100SG Spool Gun	K2532-1		
Spot Timer Kit	K2525-1		
TOTAL:			

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric® for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric® is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

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