

# POWER MIG<sup>®</sup> 140C

MIG WELDING MADE SIMPLE



Shown:  
POWER MIG<sup>®</sup> 140C (K2471-2)

## KEY FEATURES

Home projects and repair, sheet metal autobody work and small shop welding—the POWER MIG<sup>®</sup> 140C designed for 120 volt household power does it all!

- Diamond Core Technology™
- Industrial Cast Aluminum Drive
- No Hassle Tool-less Design
- Spool Gun Ready
- Toughest PC Board Protection in the Industry

### Processes »

MIG, Flux-Cored

### Applications »

Light Fabrication, Maintenance and Repair, Autobody

### Output »



### Input »



### Product Number »

K2471-2 POWER MIG<sup>®</sup> 140C

## FEATURES

- **Diamond Core Technology™** – Delivers a forgiving arc, excellent out-of-position arc action, low spatter and a wide voltage sweet spot at a given wire feed speed for steel, stainless steel or aluminum.
- **Industrial Cast Aluminum Drive** – Dual gear-driven drive rolls deliver positive traction. Patented split wire guides ensure optimal wire alignment and a brass-to-brass gun connection aids critical conductivity. A large industrial closed-design drive motor improves torque and enhances trouble-free performance.
- **No Hassle Tool-less Design** – For input power changes, wire spool mounting, wire drive service and polarity changes.
- **Spool Gun Ready** – Just remove the standard MIG gun and plug in the economical Magnum® PRO 100SG spool gun (optional) for enhanced aluminum wire feeding performance.
- **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.

## WHAT'S INCLUDED

### K2471-2 INCLUDES:

- Magnum® PRO 100L gun, 10 ft. (3.0 m)
- Gas and Gasless Nozzles
- Cable Liner
- 0.025 in. (0.6 mm) and 0.035 in. (0.9 mm) Contact Tips
- Work Cable and Clamp
- Adjustable Gas Regulator and Hose
- Spindle Adapter
- Sample Spool of 0.025 in. (0.6 mm) SuperArc® L-56 Mild Steel MIG Wire
- Sample Spool of 0.035 in. (0.9 mm) Innershield® NR®-211-MP Flux-Cored Wire
- Learn-To-Use DVD
- 0.025 in. (0.6 mm) and 0.025-0.030 in. (0.6-0.7 mm) Drive Rolls
- 0.030-0.045 in. (0.7- 1.1 mm) Knurled Drive Roll
- 0.025-0.035 in. (0.6-0.9 mm) and 0.035-0.045 in. (0.9-1.1 mm) Wire Guides

## PERFORMANCE PLUS

### POWER MIG® 140C WELDING CAPABILITIES

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

SP = Single Pass  
MP = Multiple Pass

L12603-4

### DRIVE ROLLS AND WIRE GUIDES

Product Name	Product Number	Wire Diameter: in. (mm)	Type/Process
Drive Rolls	KP2529-1	0.025-0.030 (0.6-0.8)	Smooth/MIG
	KP2529-2	0.035 (0.9)	Smooth/MIG
	KP2529-3	0.030-0.045 (0.8-1.1)	Knurled/Flux-Cored

Product Name	Product Number	Wire Diameter: in. (mm)	Type/Process
Inner Wire Guides	KP2531-1	0.025-0.035 (0.6-0.9)	All
	KP2531-2	0.045 (1.1)	All



KP2529-2 Shown

## RECOMMENDED ACCESSORIES

### 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**



#### 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 K2377-1**



#### 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**



#### Accessory Bag

Canvas bag can be used to store your welding accessories and tools.

**Order K3071-1**

### WIRE FEEDER OPTIONS

#### Magnum® PRO 100SG

##### Spool Gun

Designed to easily feed 4 in. (102 mm) diameter 1 lb. (0.45 kg) spools of 0.030 in. (0.8 mm) or 0.035 in. (0.9 mm) diameter SuperGlaze® aluminum MIG wire. Includes gas gun, adapter kit, 0.035 in. (0.9 mm) contact tips (qty. 3), gas nozzle, and a 1 lb. (0.45 kg) spool of SuperGlaze® 4043 0.035 in. (0.9 mm) MIG wire. Packaged in a convenient carrying case.

**Order K3269-1**



#### Welding Fume Extractors

Lincoln offers a wide variety of welding fume extraction environmental system solutions, ranging from portable systems easily wheeled around the shop to shop-wide central systems servicing many dedicated welding stations.

**Request Publication E13.40**



## PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	H x W x D inches (mm)	Net Wt. lbs. (kg)
<b>POWER MIG® 140C</b>	K2471-2	120/1/60	90A/19.5V/20%	20A	30-140 Amps DC 50-500 ipm WFS (1.3-12.7 m/min) Max. OCV: 33	14 x 10.15 x 18.6 (357 x 258 x 472)	58 (26.3)

For best welding results with Lincoln Electric® equipment, always use Lincoln Electric consumables. Visit [www.lincolnelectric.com](http://www.lincolnelectric.com) for more details.

### CUSTOMER ASSISTANCE POLICY

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