

# Medium Duty MIG Welding Gun

## Magnum® PRO 250L Welding Gun



Shown:  
K4530-2

### KEY FEATURES

The Magnum PRO 250L welding gun is the most durable model of the Magnum PRO L-series family. With sufficient amperage for bigger jobs, the Magnum PRO 250L welding gun is recommended for medium-duty job shop and production applications.

- **Premium Tip Performance** - The large mass of the Magnum PRO Copper Plus® contact tips help disperse heat, keeping tips cooler and expanding their life. The Anti-Seize™ threads prevent tips from seizing in the diffuser.
- **Comfortable Grip** - The lightweight curved handle with soft rubber over molding enhances comfort and allows for an easier grip of the gun.
- **100% Duty Cycle** - The 250L runs at 100% duty cycle using mixed gas, helping it withstand tough jobs.
- **Chrome Plated Gun Tube** - The chrome plating prevents spatter from adhering to the gun tube, making it last longer.

#### Process »

MIG, Pulsed MIG, Flux-Cored

#### Product Number »

K4530-2

K4873-2

K4874-2

See compatibility charts on pages 2-3

#### What's Included »

- » Contact Tips
  - KP2744-035T (Qty 1)
  - KP2744-045T (Qty 1)
- » 1/2 in. (12.7 mm) Thread-On Gas Nozzle Flush (KP2742-1-50F)
- » Thread-on Diffuser (KP2746-1)
- » Gun Liner (KP42-4045-15)
- » Integrated Gun Connector

## OVER-MOLDED HANDLE

The over-molded handle design offers key benefits to the operator:

- Increased Comfort
- Enhanced Grip
- Reduced Hand Fatigue
- Improved Control



## MAGNUM PRO EXPENDABLES

Lincoln Electric's long-lasting Magnum PRO expendables are designed with welding arc performance in mind. Using Magnum PRO expendables result in more time welding and less time wasted.

### Copper Plus Technology

With a larger diameter to disperse heat and keep tips cooler



### Anti-Seize Threads

To prevent the contact tips from melting, fusing, and seizing in the diffuser



### Easy to Clean

Nickel plating keeps spatter from sticking to the nozzle

### Easy to Unscrew

With coarse threads that prevent seizing

## MACHINE COMPATIBILITY

Gun	Compatible Machines		
Magnum PRO 100L (4-pin) K4528-1	POWER MIG® 140C K2471-2	POWER MIG 180C K2473-2	POWER MIG 180 Dual K3018-2
Magnum PRO 100L (8-pin) K4528-1-8P	POWER MIG 140 MP® K4498-1		
Magnum PRO 175L K4529-1	POWER MIG 210 MP K3963-1		
Magnum PRO 250L K4530-2	POWER MIG 256 K3068-1/K3068-2	POWER MIG 260 K3520-1	
Magnum PRO 250L (K466-10) K4874-2	LF-72™, LF-74™ Series, Flex Feed® 74 HT, Flex Feed 84, LN-25 PRO®, LN-25X®, Activ8®, Activ8X® Power Feed® 10, 10M, 25M, and 84		

## MILLER® MACHINE COMPATIBILITY

Gun	Compatible Machines	Direct Replacement For
Magnum PRO 100L K4871-1	Millermatic® 141 and 211 Multimatic® 215 and 220 AC/DC	MDX™-100 M-100
Magnum PRO 175L K4872-1		MDX-100 M-150
Magnum PRO 250L K4873-2	Millermatic 212 Auto-set, 252 and 255 Multimatic 200 and 255	MDX-250 MDX-250 EZ-Select™

## CONTACT TIPS

Wire Diameter in (mm)	Standard	Standard	Tapered	Tapered
	Pkg. Qty. -10	Pkg. Qty.-100	Pkg. Qty.-10	Pkg. Qty-100
0.025 [0.6]	KP2744-025	KP2744-025-B100	KP2744-025T	KP2744-025T-B100
0.030 [0.8]	KP2744-030	KP2744-030-B100	KP2744-030T	KP2744-030T-B100
0.035 [0.9]	KP2744-035	KP2744-035-B100	KP2744-035T	KP2744-035T-B100
0.040 [1.0]	KP2744-040	KP2744-040-B100	KP2744-040T	KP2744-040T-B100
0.045 [1.2]	KP2744-045	KP2744-045-B100	KP2744-045T	KP2744-045T-B100

## GAS DIFFUSER

Pkg. Qty.	Part Number
1	KP2746-1
25	KP2746-1-B25

## GUN TUBE INSULATOR

Pkg. Qty.	Part Number
1	KP2773-2
25	KP2773-2-B25

## GUN TUBE

Degree	Part Number
60	KP3078-60
45	KP3078-45

## GAS NOZZLE<sup>1</sup>

Nozzle in (mm)	Pkg. Qty.	0.375 in (9.5 mm)	0.5 in (12.7 mm)	0.625 in (15.9 mm)
1/8 (3.2) Recess	1	KP2742-1-38R	KP2742-1-50R	KP2742-1-62R
	25	KP2742-1-38R-B25	KP2742-1-50R-B25	KP2742-1-62R-B25
Flush	1	KP2742-1-38F	KP2742-1-50F	KP2742-1-62F
	25	KP2742-1-38F-B25	KP2742-1-50F-B25	KP2742-1-62F-B25
1/8 (3.2) Stickout	1	KP2742-1-38S	KP2742-1-50S	KP2742-1-62S
	25	KP2742-1-38S-B25	KP2742-1-50S-B25	KP2742-1-62S-B25

## GUN LINER

Cable Length	Pkg Qty	Steel 0.025 - 0.030 in (0.6 - 0.8 mm)	Steel 0.030 - 0.035 in (0.8 - 0.9 mm)	Steel 0.035 - 0.045 in (0.9 - 1.1 mm)	Aluminum .035 - 3/64 in. (0.9 - 1.2 mm)
15 ft (4.5 m)	1	KP42-25-15	KP42-3035-15	KP42-4045-15 <sup>2</sup>	KP44N-3545-15
	10	-	-	KP42-4045-15-B10	-

[1] When using nozzle sizes less than 5/8 in. (15.9 mm), tapered tips are recommended.

[2] Standard on Magnum PRO 250L

**PRODUCT SPECIFICATIONS**

Product Name	Product Number	Amperage Rating 100% Duty Cycle	Wire Diameter Range in (mm)	Cable Length ft (m)	Pin Connection
Magnum PRO 250L	K4530-2	250A	0.025-0.045 [0.6 - 1.2]	10 [3.0]	POWER MIG 256, 260
	K4873-2				Miller Compatible
	K4874-2				K466-10

**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 information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to [www.lincolnelectric.com](http://www.lincolnelectric.com) for any updated information.