

# LIGHT AND COMPACT

## Magnum® PRO 100L Welding Gun



Shown:  
K4528-1

## KEY FEATURES

The Magnum PRO 100L welding gun is the most lightweight and compact model in the Magnum PRO L-series family. It is ideal for most home, farm, and small shop projects, as well as auto body work and light maintenance and repair 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 100L runs at 100% duty cycle using mixed gas, helping it withstand tough jobs.

### Process »

MIG, Pulsed MIG, Flux-Cored

### Product Number »

K4528-1

K4528-1-8P

K4871-1

See compatibility charts on pages 2-3

### What's Included »

#### » Contact Tips

- KP2744-025T (Qty 1)

- KP2744-035T (Qty 1)

» 0.5 in. (12.7 mm) Thread-On Gas Nozzle Flush (KP3076-1)

» Gun Liner (KP35-40-15)

» 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)	Tapered Tip	
	Pkg. Qty. -10	Pkg. Qty. -100
0.025 (0.6)	KP2744-025T	KP2744-025T-B100
0.030 (0.8)	KP2744-030T	KP2744-030T-B100
0.035 (0.9)	KP2744-035T	KP2744-035T-B100
0.040 (1.0)	KP2744-040T	KP2744-040T-B100
0.045 (1.2)	KP2744-045T	KP2744-045T-B100

### GAS DIFFUSER

Pkg. Qty.	Part Number
1	KP3076-1
25	KP3076-1-B25

### GASLESS NOZZLE

Pkg. Qty.	Part Number
1	KP3084-1
25	KP3084-1-B25

### GUN TUBE

Degree	Part Number
60	KP3082-60

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

Nozzle	Pkg. Qty.	Gas Nozzle Diameter	
		0.375 in (9.5 mm)	0.5 in (12.7 mm)
Flush	1	KP3075-1-38F	KP3075-1-50F
	25	KP3075-1-38F-B25	KP3075-1-50F-B25
1/4 in (6.4 mm) Stickout	1	KP3075-1-38S	KP3075-1-50S
	25	KP3075-1-38S-B25	KP3075-1-50S-B25

### GUN LINER

Cable Length	Pkg Qty	Steel	Steel	Aluminum
		0.023-0.035 in (0.6-0.9 mm)	0.035-0.045 in (0.9-1.2 mm)	0.035 in (0.9 mm)
15 ft (4.5 m)	1	KP35-40-15 <sup>3</sup>	KP45-40-15	KP1959-1 <sup>2</sup>
	10	KP35-40-15-B10	KP45-40-15-B10	-

**PRODUCT SPECIFICATIONS**

Product Name	Product Number	Amperage Rating 100% Duty Cycle	Wire Diameter Range in (mm)	Cable Length ft (m)	Pin Connection
<b>Magnum PRO 100L</b>	K4528-1	100A	0.025- 0.045 (0.6-1.2)	10 (3.0)	4-pin
	K4528-1-8P				8-pin
	K4871-1				Miller Compatible

<sup>(1)</sup> When using nozzle sizes less than 5/8 in. (15.9 mm), tapered tips are recommended.  
<sup>(2)</sup> Recommended for aluminum wire welding, recommended maximum cable length for aluminum is 10 ft. (3.0 m)  
<sup>(3)</sup> Standard on Magnum PRO 100L

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