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 (KP3075-1-50F)

» Gas Diffuser (KP3076-1)

» Gun Liner (KP35-40-15)

» Integrated Gun Connector

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LINCOLN® ELECTRIC

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[1]

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 0.023-0.035 in (0.6-0.9 mm)	Steel 0.035-0.045 in (0.9-1.2 mm)	Aluminum 0.035 in (0.9 mm)
15 ft (4.5 m)	1	KP35-40-15[3]	KP45-40-15	KP1959-1[2]
	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
Magnum PRO 100L	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

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

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