

# LIGHT, COMPACT AND RELIABLE WELDING GUNS

## Magnum® PRO 100L Welding Gun



Shown:  
K3080-1

## KEY FEATURES

The Magnum PRO 100L for MIG or flux-cored welding is an extremely compact and light weight gun and cable assembly. It's ideal for most home, farm and small shop projects, auto body work and light maintenance or repair applications. The Anti-Seize™ tip and diffuser thread design deliver thermal advantages that extend expendable life and makes replacement easier. Compatible with POWER MIG® 140, 180 and 180 DUAL; no adapter needed.

- Copper Plus® contact tips extend tip life to lower overall operational costs
- Lightweight curved handle provides a comfortable grip that keeps your hand cool during long welds

### Process »

MIG, Pulsed MIG, Flux-Cored

### Product Number »

K3080-1

### 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

### Expendable Parts

Magnum PRO expendable parts are interchangeable. Interchanging expendable parts will require gun tube insulator and gas diffuser changes. Customers may choose to change expendable parts to standardize stocking parts or to make the gun more compact for tight spaces.

### CONTACT TIPS

Wire Diameter		Tapered Tip	
in	(mm)	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.	Thread-on
1	KP3076-1
25	KP3075-1-38F

### GASLESS NOZZLE

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

### GUN TUBE

Gun Tubes	60° Gun Tube
Magnum PRO 100L	KP3082-60

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

Nozzle	Pkg. Qty.	Gas Nozzle Diameter-in (mm)	
		0.375 (9.5)	0.5 (12.7)
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>	KP35-40-15	KP1959-1 <sup>2</sup>
	10	KP35-40-15-B10	KP45-40-15-B10	-

### PRODUCT SPECIFICATIONS

Product Name	Product Number	Amperage Rating 40% Duty Cycle	Wire Diameter Range		Cable Length	
			in	(mm)	ft	(m)
<b>Magnum PRO 100L</b>	K3080-1	100	0.025-0.045	(0.6-1.2)	10	(3.0)

<sup>(1)</sup> When using nozzle sizes less than 5/8 in., 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

### 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.