

# Medium Duty MIG Welding Gun

## Magnum<sup>®</sup> PRO 250L Welding Gun



Shown:  
K4530-2

### KEY FEATURES

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

- **Premium Tip Performance** - The large mass of the Magnum PRO Copper Plus<sup>®</sup> contact tips help disperse heat, keeping tips cooler and expanding their life. The Anti-Seize<sup>™</sup> 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

**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 Magnum PRO 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 results 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<br>(4-pin)<br>K4528-1<br>    | POWER MIG® 140C<br>K2471-2<br>       | POWER MIG 180C<br>K2473-2<br> | POWER MIG 180 Dual<br>K3018-2<br> |
| Magnum PRO 100L<br>(8-pin)<br>K4528-1-8P<br> | POWER MIG 140 MP®<br>K4498-1<br>     |   |  |
| Magnum PRO 175L<br>K4529-1<br>               | POWER MIG 210 MP<br>K3963-1<br>      |   |  |
| Magnum PRO 250L<br>K4530-1<br>               | POWER MIG 256<br>K3068-1/K3068-2<br> | POWER MIG 260<br>K3520-1<br>  |  |

## 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> IN (MM)

| Nozzle             | Pkg. Qty. | 0.375 [9.5]      | 0.5 [12.7]       | 0.625 [15.9]     |
|--------------------|-----------|------------------|------------------|------------------|
| 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<br>0.025 - 0.030 in [0.6 - 0.8 mm] | Steel<br>0.030 - 0.035 in [0.8 - 0.9 mm] | Steel<br>0.035 - 0.045 in [0.9 - 1.1 mm] | Aluminum<br>.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., tapered tips are recommended.

[2] Standard on Magnum PRO 250L

## PRODUCT SPECIFICATIONS

| Product Name           | Product Number | Amperage Rating 100%<br>Duty Cycle | Wire Diameter Range<br>in (mm) | Cable Length<br>ft (m) |
|------------------------|----------------|------------------------------------|--------------------------------|------------------------|
| <b>Magnum PRO 250L</b> | K4530-2        | 250                                | 0.025-0.045 [0.6 - 1.2]        | 15 [4.5]               |

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