

MAGNUM[®] PRO 350 LFG FUME GUN

TAILOR MADE FUME SOLUTION.



KEY FEATURES

The Magnum PRO 350 Fume Gun places focus on not only welding performance but also operator safety and comfort by capturing fume at-the-source. Its Superior Comfort, Tailored Fume Capture, and Extended Expendable Life make welding easy and comfortable over an entire shift!

Lightweight Set-Up – Welding for an entire shift is made more comfortable thanks to the over-molded handle, ball joint strain relief, and use of lightweight materials to reduce hand and wrist fatigue

Tailor Made Fume Solution – Each fume nozzle is designed to capture the Maximum amount of fume while maintaining the proper shielding gas coverage for most welding procedures. Use our Fume Nozzle Selection Matrix to choose the right nozzle for your application

Increased Expendable Longevity – Reduce downtime and save money with the use of the Magnum PRO 550A expendables for extended life on front end parts

Processes »

MIG, Pulsed MIG, Flux-Cored

What's Included »

Gun Tube 60 - KP5430-1

Fume Tube - 9SM26806

Diffuser - KP2747-1

Contact Tip - KP2745-045

Gas Nozzle - KP2743-1-62R

Fume Nozzles - KP5430-2, KP5430-3, KP5430-4

Output »



Input »



Product Numbers »

See Product Specifications table for details

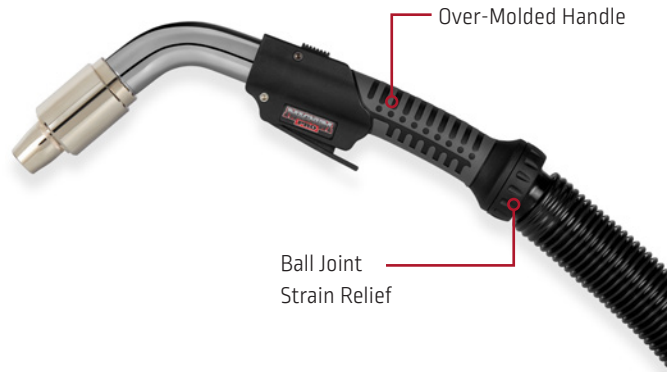
LIGHTWEIGHT HANDHELD FUME SOLUTION

The NEW Magnum PRO Fume Gun is 40% lighter and 35% more compact than the old Magnum PRO 350 Barrel Fume Gun (K649-1).



MAXIMUM OPERATOR COMFORT

Operator comfort is one of the most important factors of choosing the right welding gun. The ball joint strain relief and over-molded handle design focus on keep the operator happy and comfortable. Its ergonomic design reduces hand and wrist fatigue.



CUSTOMIZABLE FUME CAPTURE

The spring loaded fume valve provides the operator with fume suction control to prevent the removal of shielding gas. Typical uses for opening the fume valve include:

Corner Joints
Deep/Narrow Grooves

*No need for the fume valve functionality? Simply tighten the set screw on the valve to fix shut



ENHANCED FUME HOSE

With the new enhanced fume hose, you can avoid using those heavy cable covers in most applications! Our new composite material has a high resistance to wear from both abrasion and heat.



**ABRASION
RESISTANT**

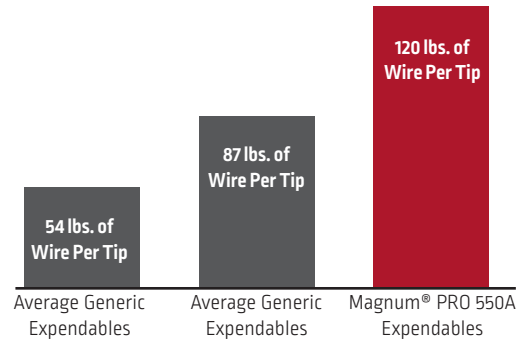


**HEAT
RESISTANT**



INCREASED EXPENDABLE LONGEVITY

Lincoln Electric's long-lasting Magnum PRO 550A expendables have patented features that are designed with both performance and productivity in mind. The premium performance of the expendables can extend their service life, reducing downtime and overall costs.



TAILOR MADE FUME SOLUTION

The Magnum PRO 350 LFG fume nozzles are designed to capture the right amount of fume while maintaining the proper shielding gas coverage for most welding procedures.

Use the Magnum PRO Fume Nozzle Selection Matrix to determine which nozzle will best suit your application!



NOZZLES

Procedure		GMAW		FCAW Gas Shielded		FCAW Self Shielded	
Position		Flat / Horizontal	Vertical / Overhead	Flat / Horizontal	Vertical / Overhead	Flat / Horizontal	Vertical / Overhead
Wire Diameter	0.030 - 0.035	KP5430-2	KP5430-2	KP5430-3	KP5430-3	KP5430-4	KP5430-4
	0.040 - 0.045						
	0.052						

X-TRACTOR 2 FUME GUN

The X tractor 2 Fume Gun Extractor allows for the use of up to 2 fume guns on just 1 extraction unit. Use the diagram here to help get set up easily!



HOW TO CONFIGURE YOUR FUME GUN

There are many factors that go into selecting the proper set up for your fume gun solution. The following steps will assist you in walking through the process to ensure the welding gun is right for your application!

1. SELECT YOUR GUN

Part Number	Amperage Rating 100% Duty Cycle CO ₂	Wire Diameter Range in (mm)	Cable Length ft (m)
K4464-2	350	0.035 - 0.052 [0.9-1.3]	15 (4.6)

2. SELECT YOUR LINER

KP44 SERIES LINERS

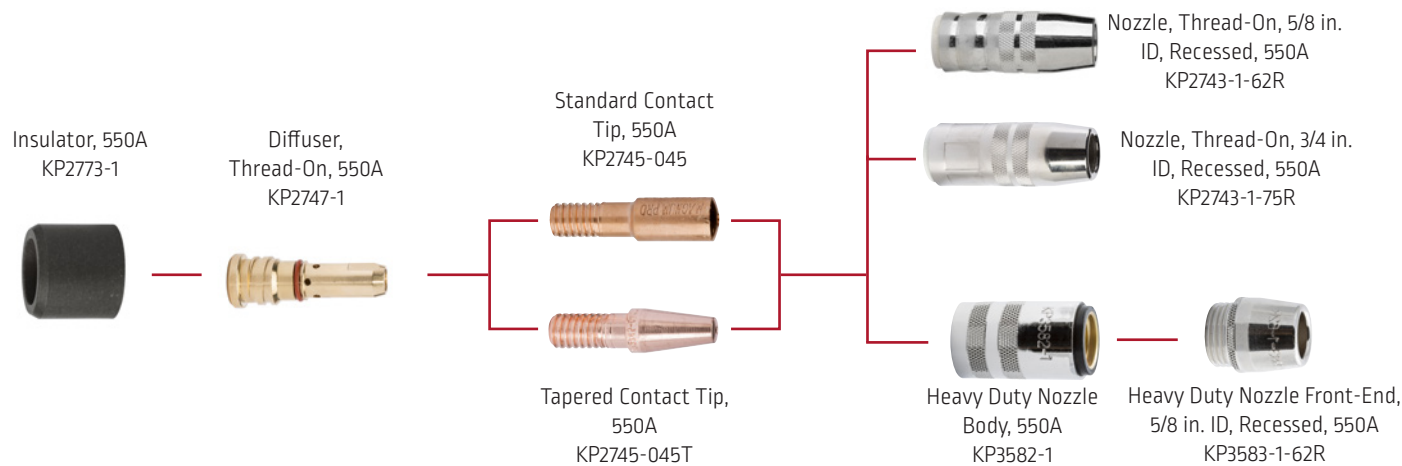
ft (m)	0.035-.045 in [0.9-1.2 mm]	0.052 in [1.3 mm]
15 (4.5)	KP44-3545-15	KP44-116-15
25 (7.6)	KP44-3545-25	KP44-116-25

3. SELECT YOUR GUN CONNECTOR KIT

GUN CONNECTOR KITS

Manufacturer	Wire Feeder Model	Connector Kits used with KP44 Series Liners					
		K466-1	K466-2	K466-3	K466-6	K466-8	K466-10
Lincoln Electric®	POWER MIG 256				•		
	POWER MIG 260				•		
	POWER MIG 360MP				•		
	PIPEFAB						•
	Power Wave 300C				•		
	Power Feed Series						•
	DLF-82						•
	LF-72						•
	LF-74						•
	Flex Feed 74HT						•
	Activ8X						•
	Flex Feed 84						•
	LN-25X						•
	LN-25 PRO						•
	Activ8x Pipe						•
	LN-7	•					
	LN-8	•				•	
	LN-9	•				•	
	LN-23P	•				•	
	LN-25	•				•	
Tweco® Adapted	No. 2, No. 3, No. 4 Guns		•				
Miller®	All Miller Equipment			•			

550A EXPENDABLES



CONTACT TIPS, 550A

Wire Diameter in (mm)	Standard Qty 10	Standard Qty 100	Tapered Qty 10	Tapered Qty 100	Extended Life Qty 10	Extended Life Qty 100
0.035 (0.9)	KP2745-035	KP2745-035-B100	KP2745-035T	KP2745-035T-B100	KP2745-035R	KP2745-035R-B100
0.040 (1.0)	KP2745-040	KP2745-040-B100	KP2745-040T	KP2745-040T-B100	KP2745-040R	KP2745-040R-B100
0.045 (1.2)	KP2745-045	KP2745-045-B100	KP2745-045T	KP2745-045T-B100	KP2745-045R	KP2745-045R-B100
0.052 (1.3)	KP2745-052	KP2745-052-B100	KP2745-052T	KP2745-052T-B100	KP2745-052R	KP2745-052R-B100
1/16 (1.6)	KP2745-116	KP2745-116-B100	KP2745-116T	KP2745-116T-B100	KP2745-116R	KP2745-116R-B100

GAS DIFFUSERS, 550A

Material	Qty	Thread-On	Thread-on 1/4 in. Recess	Thread-On, Extended Reach*	Slip-On
Brass	1	KP2747-1	KP3155-1	KP4781-1	KP5129-2
	25	KP2747-1-B25	KP3155-1-B25	KP4781-1-B25	KP5129-2-B25
Copper	1	KP4766-1	-	-	KP4766-2
	25	KP4766-1-B25	-	-	KP4766-2-B25

INSULATORS, 550A

Qty	Part Number
1	KP2773-1
25	KP2773-1-B25

* 550A Extended Reach Diffusers are compatible with KP3359-1-50X Nozzles and KP2745-XX 550A Contact Tips

GAS NOZZLES, 550A

Thread Type	Nozzle Type in (mm)	Qty	3/8 in ID, Standard	1/2 in ID, Standard	5/8 in ID, Standard
Thread-On	1/8 (3.2) Recess	1	KP2743-1-38R	KP2743-1-50R	KP2743-1-62R
		25	KP2743-1-38R-B25	KP2743-1-50R-B25	KP2743-1-62R-B25
	Flush	1	KP2743-1-38F	KP2743-1-50F	KP2743-1-62F
		25	-	-	KP2743-1-62F-B25
	1/8 (3.2) Stickout	1	KP2743-1-38S	KP2743-1-50S	KP2743-1-62S
		25	-	-	KP2743-1-62S-B25
Slip-On	1/8 (3.2) Recess	1	-	KP5130-2-50R	KP5130-2-62R
		25	-	KP5130-2-50R-B25	KP5130-2-62R-B25
	Flush	1	-	KP5130-2-50F	KP5130-2-62F
		25	-	KP5130-2-50F-B25	KP5130-2-62F-B25
	1/8 (3.2) Stickout	1	-	KP5130-2-50S	KP5130-2-62S
		25	-	KP5130-2-50S-B25	KP5130-2-62S-B25

For high amperage applications, two-piece heavy duty nozzles may be used instead of standard 550A nozzles.

Both a nozzle body and a nozzle front end are required for use.

HEAVY DUTY GAS NOZZLE FRONT-ENDS, 550A

Thread Type	Nozzle Type in (mm)	Qty	5/8 in ID, Heavy Duty	3/4 in ID, Heavy Duty
Thread-On	1/8 (3.2) Recess	1	KP3583-1-62R	KP3583-1-75R
		25	KP3583-1-62R-B25	KP3583-1-75R-B25
	Flush	1	KP3583-1-62F	KP3583-1-75F
		25	KP3583-1-62F-B25	KP3583-1-75F-B25

HEAVY DUTY GAS NOZZLE BODIES, 550A

Qty	Part Number
1	KP3582-1
25	KP3582-1-B25

CHOOSE THE RIGHT FUME EXTRACTION NOZZLE

Procedure		GMAW		FCAW Gas Shielded		FCAW Self Shielded	
Position		Flat / Horizontal	Vertical / Overhead	Flat / Horizontal	Vertical / Overhead	Flat / Horizontal	Vertical / Overhead
Wire Diameter	0.030 -0.035	KP5430-2	KP5430-2	KP5430-3	KP5430-3	KP5430-4	KP5430-4
	0.040 -0.045						
	0.052						

EXTRACTOR COMPATIBILITY



X-Tractor 1 Fume Gun
Connects 1 Fume Gun
Gun Y-Connector Adapter:
1-3/4 in to 2 in (K3492-4)



X-Tractor 2 Fume Gun
Connects 1-2 Fume Guns
Gun Y-Connector Adapter:
1-3/4 in to 2 in (K3492-4)



X-Tractor 4 Fume Gun
Connects 1-4 Fume Guns
Gun Y-Connector Adapter:
1-3/4 in to 2 in (K3492-4)



X-Tractor 6 Fume Gun
Connects 1-6 Fume Guns
Gun Y-Connector Adapter:
1-3/4 in to 2 in (K3492-4)

*Compatible with competitive fume extractors with proper hoses and adapters

ADDITIONAL CONNECTION ACCESSORIES



1-3/4 in. Hose to 2 in. Adapter
Connector for adapting a 1-3/4 in. fume extraction hose to the back end Y-connector on the Magnum PRO Fume Gun.
K3492-4



Fume Extraction Hose
1-3/4" ID fume hose for connections between the Magnum PRO Fume Gun and the Extraction Source.
K2389-9 - 8 ft. (2.5 m)
K2389-8 - 16 ft. (5 m)

For best welding results with Lincoln Electric® equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details.

CUSTOMER ASSISTANCE POLICY

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