



**LINCOLN**<sup>®</sup>  
**ELECTRIC**



**90i MIG  
WELD-PAK<sup>®</sup>**

- MIG, Flux-Cored
- Inverter Technology
- Ultra-Portable

# 90i MIG WELD-PAK®

## MIG & FLUX-CORED WELDING PROCESSES

### The first welder designed to be your first welder.

The Weld-Pak® 90i MIG is an ultra-portable inverter based welder that is rugged enough for hardworking professionals, but easy for anyone to use regardless of skill level.

Weighing in at 15 pounds, this unit may be mini but this inverter welder is mighty - weld up to 1/4" material using the flux-cored process, and 3/16" with MIG. The 90i MIG can be used anywhere there is 120 volt household power.

The WELD-PAK® 90i MIG features a simple two knob operator interface and has built in thermal protection.

Rugged, Dependable, Legacy Driven — Find the WELD-PAK® 90i MIG online or instore at retailer locations.



#### Restore/Repair

- › Automotive
- › Home
- › Construction
- › Lawn and garden
- › Powersports
- › Maintenance and Repairs

#### Fabricate/Make

- › Functional home items
- › Tools and implements
- › Home decor
- › Structures
- › Furniture
- › Artwork & Sculpture

## 90i MIG SIMPLE USER INTERFACE AND CONTROLS



1. Over-the-shoulder carrying strap for transporting welder
2. Voltage and wire-speed knobs with built-in indicators
3. Impact-resistant front protects controls and connectors
4. Vented front for pull through fan cooling
5. Toolless polarity changes for MIG and Flux-cored welding processes
6. Built in thermal protection with LED indicator
7. Hard-wired welding gun connection, resists corrosion and provides maximum electrical connection.
8. 18 gauge metal case provides protection from the elements
9. Quarter-turn fixed-pressure wire spool tensioner for toolless welding wire changes
10. Drive tension adjustment knob
11. Dual-track (smooth and knurled) drive rolls ensures positive solid and flux-cored wire feeding
12. Fast-feed wire loading switch to assist in loading welding wire.

## WHAT'S INCLUDED



### An intuitive user interface and easy setup

Allows for welding in no time with either MIG or flux cored processes.

### Built in thermal protection

with LED indicator

### Shielding gas regulator and hose

Preset shielding gas delivery, and a 6 foot inert gas hose for use during MIG welding.

### Attached MIG gun

Includes 10 foot. (3.0 m) cable assembly

### Contact tips, nozzles and drive roll

- .025 in. (0.6 mm) contact tips (Qty 1) (KH710)
- .030 in. (0.7 mm) contact tips (Qty. 1) (KH711)
- .035 in. (0.9 mm) contact tips (Qty. 1) (KH712)
- Gas nozzle for MIG welding (KH725)
- Gasless nozzle for flux-cored welding (KH726) pre-installed on gun
- Drive roll, Flux-cored .030-.035 (Qty 1) (KP5373) pre-installed in welder
- Drive roll, MIG/Flux-cored .025-.035 (Qty 1) (KP4364)



Scan here to see the 90i MIG in action.

[www.LincolnElectricRetail.com/products/90iMIG](http://www.LincolnElectricRetail.com/products/90iMIG)

## WELD-PAK® 90i MIG SPECIFICATIONS

Product Number	Input Power Voltage/Hertz/Phase	Rated Output Current/ Voltage/Duty Cycle	Input Current@ Rated Output	Output Range	Wire Feed Speed ipm (m/min)	H x W x D in (mm)	Net Wt lb (kg)
K5256-1	120/60/1	90A/21V/30%	20A	20-120A MIG	20-200 (51-508 cm/min)	13.6 x 8.9 x 18.1 (345 x 224 x 460)	15 (6.8 Kg)

**NR®-211-MP** is a self shielded welding wire suitable for all-position welding of light gauge to a maximum plate thicknesses in the range of 1/4 in.

**SuperArc® L-56®** is Lincoln Electric's premium copper coated MIG wire and an excellent choice for welding on mild steel metal applications.



## USE WITH THESE LINCOLN WELDING WIRES

Process	Wire Dia. (in.)	24ga.	22ga.	20ga.	18ga.	16ga.	14ga.	12ga.	1/8"	10ga.	3/16"	1/4"
		<b>Flux-Cored Welding - Steel</b>	.030									
	.035											
<b>MIG Welding - Steel</b>	.025											
	.030											
	.035											

SP - Single Pass MP - Multiple Pass

## RECOMMENDED ACCESSORIES

### GENERAL OPTIONS

#### Welding Cart

Full-featured cart is designed to store and transport a welder, 80 cubic foot gas cylinder, welding cables and accessories. Includes an angled top shelf for easy access to welder controls, a lower tray for added storage space, and a sturdy handle that can also be used as a convenient cable wrap hanger. **(P/N: K2275-3)**



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### PROTECTIVE GEAR

Welding and cutting can be fun, but without taking the proper safety precautions, you can risk injury. By following the manufacturer's recommended safety protocols, you can count on years of enjoyment without any unnecessary danger.

Lincoln Electric offers a full line of personal protection equipment (PPE) to keep you safe while welding and cutting.

#### Helmets and Eye Protection



For more information visit:  
[www.lincolnelectricretail.com/products/helmet-and-accessories](http://www.lincolnelectricretail.com/products/helmet-and-accessories)

#### Welding Jackets and Gloves



For more information visit:  
[www.lincolnelectricretail.com/products/welding-jackets-and-gloves](http://www.lincolnelectricretail.com/products/welding-jackets-and-gloves)