

# WELD-PAK® 90i MIG

## COMPACT VERSATILITY



### KEY FEATURES

The WELD-PAK® 90i MIG welding machine is a lightweight and ultra-portable welder that connects to 120 volt power. This machine is an excellent choice for MIG, and Flux-Cored welding. The intuitive user interface, easy setup, and full list of accessories permits welding in no-time.

#### VERSATILE PERFORMANCE

- Unit capable of MIG and flux-cored welding.
- MIG, Flux-cored welding up to 120 Amps at a maximum thickness of 1/4".

#### EASY TO USE

- Simple two-knob control for wire speed and voltage
- Fast toolless drive roll changeovers
- Toolless polarity change with twist-mate connector
- The shielding gas regulator is preset for correct flow ensuring the best MIG weld possible
- Fast-feed wire loading switch to assist in loading welding wire.

#### COMPACT DESIGN

- Lightweight and portable at 15 lbs
- Conveniently plugs into household 120 volt power.

#### Processes »

MIG, Flux-Cored

#### Applications »

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

#### Output »



#### Input »



#### Product Number »

K5256-1 WELD-PAK® 90i MIG

## ULTRA PORTABLE WIRE FEED WELDER

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. Oversized 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.



## USE WITH THESE LINCOLN WELDING WIRES

Process	Wire Dia. (in.)	24ga.	22ga.	20ga.	18ga.	16ga.	14ga.	12ga.	1/8"	10ga.	3/16"	1/4"	
		Flux-Cored Welding - Steel	.030										
.035													
MIG Welding - Steel	.025	SUPERARC® L-56®					SP						
	.030						SUPERARC® L-56®	SP					
	.035								SUPERARC® L-56®	SP		MP	

SP - Single Pass MP - Multiple Pass

### DRIVE ROLLS

Product Number	Wire Diameter inches (mm)	Process
KP4364	.025-.035 (0.6-0.9)	MIG/Flux-Cored
KP5373	.030-.035 (0.9-1.1)	Flux-cored

## WHAT'S INCLUDED

### Gun

- Attached WP100L gun with 6 ft. (3.0m) cable.
- .025 in. (0.6 mm) contact tip (KH710)
- .030 in. (0.9 mm) contact tip (KH711)
- .035 in. (1.2 mm) contact tip (KH712)
- Gasless nozzle for Innershield® welding (KH726)
- Gas nozzle for MIG welding (KH725)
- Two dual track drive rolls for MIG and Flux-cored welding

### Shielding Gas Apparatus

- Harris® Gas Regulator and 52 in. (1.3 m) hose for use with Ar/ CO2 blend gases.

### Other

- Instruction manual

## 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, a sturdy handle also used as a convenient cable wrap hanger. **K2275-3**

## WELD-PAK® 90i MIG- SPECIFICATIONS

Product Number	Input Power Voltage/Phase/Hertz	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	120/1/60	90A/18.5V/30%	20A	20-120 AMP	20-200 [51-508 cm/min]	11 x 5.5 x 13 [279 x 140 x 330]	15 lbs. (6.8 Kg)

For best welding results with Lincoln Electric® equipment, always use Lincoln Electric consumables. Visit [www.lincolnelectric.com](http://www.lincolnelectric.com) for more details.

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