

# WELD-PAK® 90i FC

## COMPACT VERSATILITY



### KEY FEATURES

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

#### VERSATILE PERFORMANCE

- Unit capable of flux-cored welding.
- 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
- 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 »

Flux-Cored

#### Applications »

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

#### Output »



#### Input »



#### Product Number »

K5255-1 WELD-PAK® 90i FC

## 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. Built in thermal protection with LED indicator
6. Hard-wired welding gun connection, resists corrosion and provides maximum electrical connection.
7. 18 gauge metal case provides protection from the elements
8. Quarter-turn fixed-pressure wire spool tensioner for toolless welding wire changes
9. Drive tension adjustment knob
10. Knurled drive roll ensures positive solid and flux-cored wire feeding
11. 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											

INNERSHIELD® NR®-211-MP SP MP  
INNERSHIELD® NR®-211-MP SP MP

SP - Single Pass MP - Multiple Pass

### DRIVE ROLLS

Product Number	Wire Diameter inches (mm)	Process
KP4364	.030-.035 (0.9-1.1)	Flux-cored

## WHAT'S INCLUDED

### Gun

- Attached WP100L gun with 6 ft. (3.0m) cable.
- .030 in. (0.9 mm) contact tip (KH711)
- .035 in. (1.2 mm) contact tip (KH712)
- Gasless nozzle for Innershield® welding (KH726)
- Drive roll for flux-cored welding

### 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 FC- 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)
K5255-1	120/1/60	90A/21V/30%	20A	20-120 AMP	20-200 [51-508 cm/min]	13.6 x 8.9 x 18.1 [345 x 224 x 460]	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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