

LE31MP™ Multiprocess Welder

Processes

MIG, Flux-Cored, Stick, DC TIG, Aluminum with a Spool Gun

Product Number

K3461-1

Input Power

120/1/60

Input Current at Rated Output

20 A

Rated Output Current/Voltage/Duty Cycle

95 A / 18.75 V @ 60% MIG

115 A / 14.6 V @ 60% TIG

80 A / 23.2 V @ 60% Stick

Output Range

30 - 140 A MIG

25 - 90 A Stick

10 - 120 A TIG

40-500 WFS (1.3-12.7 m/min)

Weight/Dimensions (H x W x D)

34.5 lbs. (15.6 kg)

13.6 x 8.9 x 18.1 in.

(345 x 224 x 460 mm)

Multiprocess Wirefeeder Welder

This Lincoln Electric LE31MP™ lightweight and portable welder connects to 120 volt power and is an excellent choice for MIG, STICK, Spool Gun, Flux-Cored, or TIG welding. The intuitive user interface, easy setup, and full list of accessories permits welding in no-time.

BENEFITS

► MIG

- Wide 30-140 amp welding output for MIG, FCAW and Spool Gun allows for welding on 24 to 5/16 material.
- Durable cast aluminum gear box delivers added torque and quiet operation, and brass-to-brass gun connection enhances conductivity.
- Smooth arc starts and a forgiving arc makes dialing in your application easy.

► TIG - Torch and foot pedal sold separately

- The wide 10-120 amp range permits welding on thin and thick steel and stainless.
- Weld with or without a foot pedal, the machine will automatically detect and configure when a foot pedal is connected.
- Easy arc starts and optional patent pending TIG torch assembly eliminate the need for a manually controlled gas valve.

► STICK

- Smooth arc starts prevent sticking.
- Heavy duty electrode holder and cable included.
- Great for repair.

APPLICATIONS

- Shop
- Farm
- Home
- Autobody



Shown K3461-1

WHAT'S INCLUDED

Gun

- Magnum® PRO 100L gun and 10 ft. (3.0 m) cable assembly with brass connection and 8-pin trigger connector (K530-7).
- .025 in. (0.6 mm) tapered contact tips (Qty 3) (KH831)
- .035 in. (0.9 mm) tapered contact tips (Qty. 3) (KH833)
- Gasless nozzle for Innershield® welding (KH836)
- Gas nozzle for MIG welding (KH835)
- Spindle adapter for 8 in. (203 mm) diameter spools (KH720)
- .025 - .035 in. (0.6 - 0.9 mm) wire diameter dual track drive roll for MIG and flux-cored welding (KP2948-1)

Shielding Gas Apparatus

- Harris® 3000290 Gas Regulator (S25805) and 52 in. (1.3 m) hose (S19303) for use with Ar/CO₂ blend gases. For use with CO₂ shielding gas, order a Lincoln Electric S19298 CO₂ shielding gas bottle adapter.

Welding Wire

- Sample spool of .025 in. (0.6 mm) diameter SuperArc® L-56® premium MIG wire
- Sample spool of .035 in. (0.9 mm) diameter Innershield® NR®-211-MP flux-cored wire

INPUT



120 V
INPUT

OUTPUT



Two Year Extended
Warranty Available in
the U.S.A. and Canada.

Other

- Work clamp and 10 ft. (3.0 m) cable
- Instruction manual
- Quick Start guide
- Electrode holder with 10 ft. cable for stick welding



