Arc Tracker®

Processes
- DC Arc Welding Circuits Only (10-1000A at 100% Duty Cycle)
- Any DC Polarity Welding Process
- Any Welding Equipment

Product Number
K3019-1

Input Power
120-230/1/50/60

Current Draw
0.8A on 120V AC

Rated Operating Range
NEMA EW1 and IEC60974-1:
10-1000A at 100% Duty Cycle
1-44V DC

Weight/Dimensions (H x W x D)
20 lbs (9 kg)
12 x 9 x 15 in
(305 x 220 x 380 mm)

APPLICATIONS
- Conventional and wave-controlled DC welding processes
- Code quality welding, especially those applications requiring heat input records

FEATURES
- Accurately Monitor Welding Parameters – Advanced digital controls sample the welding parameters at extremely high speeds.
- Broad Compatibility – The Arc Tracker® is compatible with any DC welding process power source and wire feeder.
- Simple Plug-n-Play Design – Connect to any DC welding circuit, attach voltage sense leads and begin monitoring weld performance immediately.
- Variable Input Voltage – The Arc Tracker® auto-senses any input voltage between 120 and 230 volts AC.
- Ethernet Connection – Communicates weld data status to your network via standard Ethernet.
- Factory Quality System Integration – Easily calibrated for use in factory quality systems.
- CheckPoint™ – A cloud-based system to view or analyze your welding data. Track equipment usage, store weld data, configure fault limits and more.
- Weld Data Monitoring – Compatible with Checkpoint, this tool provides the ability to view and analyze your welding data, track equipment usage, store weld data, configure fault limits and more.

FEATURES, CONT’D
- Powerful Software Tools – Arc Tracker® software tools are available at powerwavesoftware.com, including:
  • Power Wave® Manager
  • CheckPoint™
  Visit frequently for updated software and expanded capabilities.

WHAT’S INCLUDED
K3019-1 Arc Tracker® Includes:
- Detachable input cord 6 ft. (2 m) with NEMA 5-15P plug and an IEC 60320 plug receptacle.
- Polarity specific arc voltage remote sense leads 15 ft. (4.5 m) (Qty - 2).

Limitations – The Arc Tracker® does not provide WFS, deposition related metrics, consumable package tracking, or weldscore functionality.
CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers’ particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.


PRODUCT SPECIFICATIONS

<table>
<thead>
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RECOMMENDED INPUT CABLE

- 120 Volt Input (North America) (Included with Unit. Standard computer desktop power cord for maximum versatility) – 3 Conductor, #18 AWG with NEMA 5-15P Plug
- 230 Volt Input (North America) (Not Included) – 3 Conductor, #18 AWG with NEMA 250 V Type Plug (per UL498)
- 230 Volt Input (Europe) (Not Included) – 3 Conductor, 1.0 mm² HAR with CEE 7/7 Plug

KEY CONTROLS

Front Panel
1. Amps Display
2. Volts Display
3. Volts Calibration Knob
4. Amps Calibration Knob
5. Message Display
6. User Preference/Calibration Button (Left)
7. Setup Mode LED
8. ON/OFF Switch
9. User Preference/Calibration Button (Right)
10. User Preference/Calibration Knob
11. Status LED
12. Voltage Sense Lead Connector
13. Ethernet Connector

Back Panel
(TERMIAL COVERS NOT SHOWN)
1. Left Weld Terminals (Weld Current IN)
2. Right Weld Terminals (Weld Current OUT)
3. Input Cord Receptacle