

# Arc Tracker™

## Portable, Powerful. Weld Performance Monitoring

The ARC TRACKER™ is a high-performance, portable product designed to accurately measure the True Energy delivered into a weld from any welding machine (DC process only). The ARC TRACKER™ will accurately measure the welding parameters (arc voltage, arc current and weld time) and provide a real-time calculation of the True Energy into the weld. While welding, the True Energy [in joules (J)] for the weld will be accurately displayed on the user interface.



### Features

- Advanced digital controls sample the welding parameters at extremely high speeds.
- Compatible with any DC welding process power source and wire feeder.
- Connect to any DC welding circuit, attach voltage sense leads and begin monitoring weld performance immediately.
- The Arc Tracker™ auto-senses any input voltage between 120 – 230 volts AC.
- Communicates weld data status to your network via standard Ethernet.
- Easily calibrated for use in factory quality systems.
- Arc Tracker™ software tools are available at [powerwavesoftware.com](http://powerwavesoftware.com), including:
  - Power Wave® Manager
  - Production Monitoring™
  - CheckPoint™.

### Processes

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

### Process Limitations

- Cannot be used with AC arc welding circuits.
- 1000A, 120V max.

### Key Options

- K10376 Adapter M14/Dinse(F)
- K10377 Adapter M14/Dinse(M)
- KP10559-1 Main cable C13 fem/EEC male, 2.5 m



### Technical Specifications

Product	Item Number	Primary Voltage (50-60Hz)	Rated Output	Current Draw	Weight (kg)	Dimensions HxWxD (mm)
Arc Tracker™	K3019-1	120-230/1Ph	1000A/44VDC/100%	0.8A @ 120VAC	9	305 x 220 x 380



OUR CUSTOMERS  
TOLD US...



CHALLENGING PROJECTS

CHECK OUR WEBSITE FOR APPLICATION STORIES

[www.lincolnelectric.eu](http://www.lincolnelectric.eu)