The WDL III™ is the lightweight portable tool that will enable you to establish and maintain qualified welding procedures.

**FEATURES**
- Data is stored with a Date/Time stamp, Station ID and a sequential weld count number
- Graphic 256x64 pixel display
- Compact NEMA 12 rated enclosure
- Internal Non-Volatile memory to store up to 4,000 weld summaries
- Ability to send data to external printer for hard copy with software selectable print format for 80 or 40 column printers
- Configurable for English or Metric units
- Ethernet port for remote data uploads using Modbus TCP/IP protocol or USB port for PC serial communications with Modbus RTU protocol

**BENEFITS**
- Chance of error in recording data eliminated
- Easily transportable between plants or shop locations (ideal for inspectors)
- Instantaneous viewing of current welding conditions (ideal for inspectors)
- Permits extended data logging without need for printer at location (ideal for inspectors and Welding Engineers)
- Ability to collect and display run time welding data using PC and optional ARC Track II™ software
- Ability to generate printed hard copy at job site or back at office location (ideal for inspectors)
WDL III™ SPECIFICATIONS

WDL II™ Sensors

Arc Voltage
0-80 volts DC ± 1%*,
0.1 volt resolution

Arc Current
0-1000 amps DC ± 1%*,
1 amp resolution

Travel Speed
1-100 IPM (0.42-42mm/s) ±3%*,
0.1 IPM (0.04mm/s) resolution

Wire Speed
10-1000 IPM (4.2-423mm/s) ±3%*, 1 IPM (0.4mm/s) resolution

Temperature
Range resolution and accuracy depend on sensor used.
Consult factory for options.

Gas Flow
5-255 scfh (2-120 LPM), ±2% of full scale ±1 digit,
1 scfh (1 LPM) resolution,
50 psia (344 kpa) Maximum operating pressure

* % Accuracy is of full scale

Mode of Operation

Data Logging - Welding parameter data can be sent to
an external serial printer for hard copy printout or to a
compatible personal computer using the Arc Track II™
software for data storage and analysis.

Arc Track II™ Software - The PC software provides the
following capabilities:
- Run time and Summary Data collection in .cvs format
- Graphic display for single weld run time data

Parameters Monitored / Logged

- Current
- Heat Input**
- Temperature
- Wire Feed Speed
- Voltage
- Travel Speed
- Elapsed Time
- Shielding Gas Flow

** Heat input is calculated based on optional travel speed sen-
 sor or default travel speed or weld length specified by user.

Specifications

Dimensions: 7.50” W x 4.50” D x 2.50” H
(51mm x 165mm x 280mm)

Weight: 4 lbs. (1.8 kg)

Power: 12 - 32vdc @ 0.5 amps
(nominal 24 VDC input)

Communications: Ethernet or USB, and
Serial printer interface

Note: Specifications subject to change without notice.