

## Overview

The McElroy DataLogger is used to record and document key parameters of the fusion process. This cost-effective device can be used to verify that proper fusion procedures have been followed prior to installation. The DataLogger consists of a rugged, handheld computer as the recording device connected to a data collection device. The data collection device records the heater temperature and fusion pressure profile over time. All data is recorded and transmitted to the handheld computer where the joint report can be stored, viewed, printed, or transferred to a desktop computer for archiving.



## Handheld Computer Features

- Meets MIL-STD-810F standards for drops, vibration, and temperature extremes
- Wireless connection available via Bluetooth®
- Wired model available for mining job sites sensitive to wireless technologies and for fusion operations up to 4,000 psi
- Provides familiar Microsoft® Windows® user interface
- Program and joint reports store in nonvolatile memory
- Transfers joint reports to PC via standard USB port and Microsoft® ActiveSync®
- Generates reports in imperial or metric units

## Wired Data Collection Device

- For up to 4,000 psi job sites
- Laser-guided pyrometer for surface temperature of heater
- Joint report recorded in nonvolatile Flash memory
- Battery-operated for portability
- Easily distinguished by “McElroy green” molded top



## Wireless Data Collection Device

- For up to 2,000 psi job sites
- Laser-guided for surface temperature of heater
- Joint report recorded in nonvolatile Flash memory
- Battery-operated for portability



| Model No. | Description                 | PSI Capability  | Includes:   |
|-----------|-----------------------------|-----------------|---|
| DL6303    | Wireless DataLogger Package | Up to 2,000 psi | Wireless DataLogger, Rugged Pocket PC with software pre-installed, Pocket PC mount, carrying case, and one year of free software support. |
| DL6304    | Wired DataLogger Package    | Up to 4,000 psi | Wired DataLogger, Rugged Pocket PC with software pre-installed, Pocket PC mount, carrying case, and one year of free software support.    |