DATALOGGER® 4

Fusion joint verification and documentation

OVERVIEW

The McElroy DataLogger® 4 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 pressure sending device. The pressure sending device digitizes and sends pressure data to the handheld computer to generate joint reports for in-field review or transfer to a desktop computer for archive or further analysis.

The DataLogger 4 features FusionGuide™, which gives a faster go/no-go interpretation of graphs generated by the DataLogger. Trained inspectors can look at the FusionGuide data to determine if a fusion joint was fused with correct pressure and times according to supported standards.

FEATURES

Handheld Computer Features

- FusionGuide™ visual graph interpretation
- Wired model for fusion operations up to 3,000 psi
- Provides familiar Microsoft® Windows® user interface
- Transfers joint reports to PC via standard USB port and Microsoft® Windows Mobile Device Center or ActiveSync®
- Generates reports in imperial or metric units
- Five installed languages - (English, Spanish, Portuguese, Russian and Simplified Chinese)
- Support for butt fusion, sidewall fusion and dual containment fusion
- On-screen coaching leads operator step-by-step to generate joint reports
- Internal battery powers handheld computer and data collection device
- Operator uses own pyrometer

DataLogger 4 Data Collection Device

- 1% accuracy F.S.
- 5 samples per second
- Extendable wire between collection device and handheld computer

SPECIFICATIONS

MODELS*

DL13501:	DataLogger 4 - English Package
DL13502:	DataLogger 4 - Spanish Package
DL13503:	DataLogger 4 - Portuguese Package
DL13504:	DataLogger 4 - Russian Package
DL13505:	DataLogger 4 - Chinese Package

*Models include all supported languages. Package order reflects the default language and language of support materials.

SUPPORTED STANDARDS*

ASTM F2620-11

ISO 21307:2011-05

GIS/PL2-3:2006-07

Profuse

WIS 4-32-08:2002-04

DVS 2207-1 PE-HD:2005-09

DVS 2207-11 PP:2008-08

*More standards could be added in future software updates.

INCLUSIONS

DataLogger package include DataLogger, Rugged Pocket PC with software pre-installed, carrying case and one year of free software support. Specifications subject to change without notice.

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