DATALOGGER® 6

Fusion joint verification and documentation

OVERVIEW

The **DataLogger® 6** captures the most important data from your fusion jobsite to ensure that a joint was fused with the correct pressure and times according to supported standards. The ruggedized, Android-powered tablet records and documents key parameters of the fusion process including heat soak times, heating pressure, open/close times, fusion time, fusion pressure and cool time. A real-time graph gives the operator immediate visual feedback and information regarding the integrity of each fusion joint.

An entirely new interface design makes data collection simple. A user-friendly touchscreen and concise on-screen instructions guide operators through the entire fusion process. As part of the record, the DataLogger captures GPS locations and includes front and rear cameras to document jobsite conditions and images related to the joint. A 2D barcode scanner is incorporated to quickly scan pipe and fitting information for efficient documentation. The new DataLogger is IP67-rated for water and dust resistance while the capacitive, glove-friendly touchscreen utilizes LumiBond® display technology to produce excellent visibility even in direct sunlight.

Joint records from the DataLogger 6 can be securely stored and analyzed online in the McElroy Vault™ – allowing quick and easy sorting, tagging and sharing of joint records by machine, joint, operator, device or job.

FEATURES

- Android-powered
- 7-inch HD screen
- IP67 water and dust resistant tablet
- Meets ASTM F3124 standard for data recording of heat fusion joints
- Real-time visual graph generation
- Support for butt fusion, sidewall fusion and dual-containment fusion
- On-screen, contextual resources
- Captures GPS location
- 2D barcode scanner inputs pipe and fitting information
- Dual cameras for pictures of fusion joints, jobsite, face-off and bead-up
- Wirelessly syncs to Vault
- Multilingual support

SPECIFICATIONS

MODELS*

DL18001: ....DataLogger 6 - Multilingual Package

*Supports English & Spanish (Inquire about additional languages)

SUPPORTED STANDARDS*

ASTM F2620-12	WIS 4-32-08:2002-04
ISO 21307:2011-05	DVS 2207-1 PE-HD:2005-09
GIS/PL2-3-07	DVS 2207-11 PP:2008-08
Profuse	DS/INF 70-2 PP:1992-05
DS/INF 70-2 PE:HD:1992-05	

*More standards could be added in future software updates.

WEIGHT

Tablet:..1.77 lbs (0.8Kg)

SCREEN

Touch: .... Capacitive

Resolution: ....1280x720 HD

PERFORMANCE

Operating System:... Andriod 5.1

Memory: 2GB

Processor:..Texas Instruments® OMAP 4430 Dual Core 1 GHz

Storage: 32GB

Battery:..Lithium-Polymer 7600 mAh

CONNECTIVITY

Wi-Fi:...802.11 abgn

Data:...LTE & 3G/2G

Bluetooth: 4.0

Location: .... GPS+GLNSS

CAMERA

Front-Facing Camera: 2MP

Rear-Facing Camera: 8MP

BARCODE SCANNER

Barcode Scanner:...2D scanner for pipe and fitting barcodes

INCLUSIONS

DataLogger package includes ruggedized Android tablet with pre-installed software, IP65-rated serial adapter, transducer, AC adapter, machine mount, stylus and carrying case. Specifications subject to change without notice.

McElroy Vault compatible
Securely store and analyze fusion joint data in the cloud.

McELROY