

DATALOGGER[®] 7

FUSION JOINT DATA COLLECTION & ANALYSIS



Capture the most important data from your fusion jobsite—no matter how long the workday. The DataLogger[®] 7 delivers increased battery life, automatic data backup, an updated Android operating system and more in a new, IP68-rated and MIL-STD-810 tested, rugged touchscreen tablet.

The DataLogger software helps to ensure that every joint was fused with the correct pressure and times according to supported standards by recording key parameters of the fusion process. Document heat soak times, heating pressure, open/close times, fusion time, fusion pressure, cool time along with jobsite details and operator information. A real-time graph gives immediate visual feedback regarding the integrity of each fusion joint. Joint records 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.

ADDITIONAL IMAGES



SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

STANDARD FEATURES

- ✓ Document fusion joint, operator and machine details including GPS locations
- ✓ Capture electrofusion, squeeze off techniques and pressure testing data
- ✓ 14+ hour battery capacity and a hot-swappable battery option
- ✓ IP68-rated rugged base tablet is waterproof, dust proof and shock proof
- ✓ Easy, simple-to-follow guided workflow
- ✓ Hard keys for easy navigation between applications
- ✓ Large, sunlight-readable 7" display with best-in-class outdoor visibility and clarity
- ✓ Automatic data backup to included SD card
- ✓ McElroy Optimized Cooling™ algorithm allows for more joints to be completed in less time



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SPECIFICATIONS

MODELS		PERFORMANCE		CONNECTIVITY	
DLP0857716	DataLogger 7 - English, Spanish, German, and Russian	Battery	Removable Li-ion battery with 43.2 Whr and Internal 21.6 Whr battery providing hot-swap capability	Bluetooth	Long-range Bluetooth® Smart Ready wireless technology, v5.0 + EDR, Class 1.5, BLE support
WEIGHTS		Expandable Storage	User-accessible MicroSDXC card slot	Cellular Data	4G LTE multi-carrier capable
Machine	1.5 lbs. (0.7 Kg)	Operating System	Android 11	Wi-Fi	802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz, 2x2 MIMO
MACHINE DIMENSIONS		Operating Temperature	-4 F to 122 F (-20 C to 50 C)	CAMERA	
Machine Length	8.5" (215.4mm)	Processor	Qualcomm® Snapdragon™ Octa-core Kryo™ 260	Front Camera	2 MP
Machine Width	5.4" (137.2mm)	PERFORMANCE (CONTINUED)		Rear Camera	16 MP with LED illumination
Machine Height	1.4" (34.5mm)	RAM	6 GB LPDDR4x	INCLUDES	
SUPPORTED STANDARDS		Protection	IP68 waterproof, dustproof and shockproof (multiple drops from 4' (1.2 - 1.5 m) onto concrete), designed to meet MIL-STD-810G test procedures	Tablet, transducer, machine mount, micro SD card, removable battery, screen protector, carrying case and Quick Start Guide .	
Data Logging	ASTM F3124	Storage Capacity	64 GB or 128 GB flash storage options		
Fusion	The DataLogger supports all major fusion standards including ASTM, ISO, DVS, GIS, WIS, INSTA, DS/INF, and Profuse along with custom procedures containing select pipe manufacturers' specifications.	Storage Temperature	-22 F to 158 F (-30 C to 70 C)		
SCREEN		Touchscreen	Dragontrail™ High Ion-Exchange (HIE™)		
Active Viewing Area	7" (177.8 mm)				
Resolution	WXGA (1280 x 800)				