

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, 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 DIMENSIONS		Operating System	Android 11	Wi-Fi	802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz, 2x2 MIMO
Machine Length	8.5" (215.4mm)	Operating Temperature	-4 F to 122 F (-20 C to 50 C)	CAMERA	
Machine Width	5.4" (137.2mm)	Processor	Qualcomm [®] Snapdragon [™] Octa-core Kryo [™] 260	Front Camera	2 MP
Machine Height	1.4" (34.5mm)	PERFORMANCE (CONTINUED)		Rear Camera	16 MP with LED illumination
SUPPORTED STANDARDS		RAM	6 GB LPDDR4x	INCLUDES	
	ASTM F3124	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 .	
Fusion	ASTM F2620, ISO 21307:2011-05, GIS/PL2-3-07, Profuse, DS/INF 70-2 PE:HD:1992-05, WIS 4-32-08:2002-04, DVS 2207-1 PE:HD:2005-09, DVS 2207-11 PP:2008-08, DS/INF 70-2 PP:1992-05	Storage Capacity	64 GB or 128 GB flash storage options		
SCREEN		Storage Temperature	-22 F to 158 F (-30 C to 70 C)		
Active Viewing Area	7" (177.8 mm)				
Resolution	WXGA (1280 x 800)				
Touchscreen	Dragontrail [™] High Ion-Exchange (HIE [™])				