

# DATALOGGER<sup>®</sup> 7

## FUSION JOINT DATA COLLECTION & ANALYSIS



Capture the most important data from your fusion jobsite—no matter how long the workday. The DataLogger<sup>®</sup> 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<sup>™</sup> - 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<sup>™</sup> algorithm allows for more joints to be completed in less time



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### SPECIFICATIONS

| MODELS                     |                                                      | PERFORMANCE             |                                                                                                                                               | CONNECTIVITY                                                                                                                                 |                                                                                            |
|----------------------------|------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <a href="#">DLP0857716</a> | 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 <a href="#">Quick Start Guide</a> . |                                                                                            |
| Data Logging               | ASTM F3124                                           | 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 ™)              |                         |                                                                                                                                               |                                                                                                                                              |                                                                                            |