SPERRY

A Higher Level of Reliability

Sperry B-Scan Single Rail Walking Sticks

For superior technology, training, and reporting, the solution is Sperry.

Sperry Rail Service

a Rockwood Company

Sperry B-Scan Single Rail Walking Sticks.

Auditable, portable testing with all the features of hi-rail and railbound systems.

An innovative force in rail flaw detection for over 80 years, Sperry delivers complete solutions that deliver reliable, cost-effective, and accurate results. Our latest generation of B-Scan Single Rail Walking Sticks are no exception to this rule, and feature the latest advances in rail flaw detection technology combined with a complete audit record and user-friendly features.

A ROBUST SOLUTION IN A PORTABLE PACKAGE.

Sperry's B-Scan Walking Sticks are fully calibrated, 10-channel inspection systems with many features of larger hi-rail or railbound systems. Plus, our Walking Sticks incorporate Sperry's B-Scan Flaw Detector technology for precise results, a complete GPS-tagged record of test, movement and defect information and a log of the test parameters being used.

FEATURES INCLUDE:

Fully auditable test record.

Sperry's B-Scan Walking Sticks offer significant advantages over current manual inspection instruments. Our Walking Sticks record all test data including defect details, landmarks, and rail features, as well as a GPS trail. The Walking Sticks also automatically save any test parameter changes that occur throughout each test to complete the audit record.

Comprehensive position tracking.

Sperry B-Scan Walking Sticks incorporate tracking technology that supplies location information during testing and for post-test reporting. B-Scan Walking Stick features include:

- **GPS receiver for constant GPS display and breadcrumb trail.**
- **Milepost monitor for location records.**
- **Master track file-based track ID information.**
- **Pedometer function for measuring local distances.**

Compatible with numerous Sperry RSUs.

- **UX-9**
- **X-Fire**
- **VSH**

Powerful real-time data analysis, adaptable to local requirements.

Sperry's B-Scan Walking Sticks feature customizable gate alarm settings with user-definable thresholds including object length, depth, and amplitude. In addition, the operator can either mark objects as defects in a stop and verify mode or record a complete pass over a track for off-line analysis.

Multiple display options.

Sperry B-Scan Walking Sticks provide the user with B-Scan, A-Scan, and Echo-Dynamic options, allowing the operator to generate different ultrasonic views of the rail. Plus, our screen capture function allows the operator to save critical screen and location images for a more complete picture of rail flaws.

Ease of operation.

We designed the B-Scan Walking Sticks with extensive input from experienced rail inspection operators to ensure ease of operation and convenience:

- The user interface employs intuitive touch screen controls which simplify configuration and operation.
- An extra channel enables manual inspection with standard ultrasonic hand probes for final verification.
- An integrated SIM Card-based GSM/GPRS module allows the operator to transfer test results back to base for reporting, audit reviews, and data storage.
- Data can be copied to other computer devices through the USB and Ethernet ports.
- Various guide wheel options are available for different conditions and rail structures.

Compatibility with all of Sperry's inspection vehicles.

Sperry B-Scan Walking Sticks are fully compatible with Sperry's range of inspection vehicles and deliver data in the same format, allowing seamless comparison and full use of our off-line analysis services.

Comprehensive services deliver a total solution.

We pair our technology with value-added services that combine for a more cost-effective, time-efficient way to operate.

Customer training programs at the Sperry School of Rail Testing.

The Sperry School offers an extensive range of rail testing courses lead by a certified ASNT Level III instructor. Students receive in-depth, hands-on training that meets ASNT certification guidelines. Our state-of-the-art facility includes a rail sample library, simulation room and test track, plus an extensive array of test equipment.

Online access and flexible reporting capabilities.

Sperry is the first to offer secure web-enabled access to your test results online, anytime. Customized reporting capabilities let you analyze the data according to your specific criteria.

Dedicated field management.

A dedicated field manager with significant experience in rail testing supervises all Walking Stick deployment and crew activity.

Quality assurance program.

Sperry employs a dedicated team to monitor quality assurance and system integrity. Operators upload recorded test data daily to our Quality Management Group where it undergoes a stringent quality audit review process.

Safety Management System (SMS).

Our proprietary Safety Management System is implemented at every level of our organization without exception. Improving operator and crew safety is at the forefront of every decision we make.

For more information on Sperry B-Scan Single Rail Walking Sticks, or any Sperry solution, visit www.sperryrail.com or contact one of our offices:

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FSC Mixed Sources
Product group from well-managed forests, controlled sources and recycled wood or fiber
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