

ACCUTECH 700176

LS 2400 Demo Kit (Side By Side) | Portable Patient Wander Management Verification Node



PRODUCT OVERVIEW

The Accutech 700176 LS 2400 Demo Kit (Side By Side) is an enterprise-grade, self-contained demonstration and diagnostic environment designed to showcase, test, and validate the capabilities of the ResidentGuard LS 2400 wander management framework. Engineered as a specialized portable testing platform, this "side-by-side" system simulates real-world healthcare facility perimeter control environments. It provides clinical evaluators, system integrators, and security personnel with immediate, hands-on verification of active RFID tag detection, perimeter door interlocking behaviors, and centralized nursing station telemetry without requiring on-site installation.

Designed to accelerate technical bidding processes and staff onboarding protocols, the 700176 kit houses fully operational LS 2400 zone controllers, localized notification displays, and interactive system testing peripherals inside a highly ruggedized transport layout. This mobile infrastructure node replicates advanced clinical security behaviors—such as automated door locking, delayed egress tracking, and selective resident escort overrides—ensuring that facilities can precisely model, adjust, and audit their wander prevention workflows before full-scale hardware deployment.

ARCHITECTS AND ENGINEERS (A&E) SPECIFICATION

- **System Infrastructure:** The contractor shall supply and utilize a self-contained, pre-wired Accutech 700176 LS 2400 Demo Kit for system performance validation, mock field engineering testing, and professional training workflows. The platform shall contain dual, side-by-side simulated monitoring zones to evaluate perimeter detection cross-talk and adjacent lane performance.
- **Operational Interoperability:** The kit must integrate standard operational components matching actual building installations, including an authentic ResidentGuard LS 2400 Controller, localized digital keypad display interface, and active RF signaling antennas.
- **Signaling Protocol Verification:** The demonstration platform shall successfully simulate and display multiple programmatic event statuses, including Egress, Loiter, Door Ajar, Supervisor, Tamper, and low-battery Tag tracking triggers.

- **Diagnostic Control:** System components must be network and software-ready, supporting connection to Accutech's standalone programming software utilities to illustrate range tuning, localized scheduling, and centralized alarm event logging configurations.

SYSTEM COMPONENTS

The 700176 Demo Kit configuration integrates the following hardware modules and interface elements into a unified portable assembly:

- **Dual-Zone Controller Setup:** Integrated Accutech LS 2400 Series controller boards arranged to demonstrate parallel perimeter sensor loops.
- **Keypad Display Module:** Touch-activated display interface simulating user-code entries, alarm muting, and local zone status identification.
- **Active RFID Patient Tags:** Active testing tags (LT/SB styles) with bands to model localized resident proximity alerts and low-battery tracking routines.
- **Portable Structural Assembly:** Hard-shell heavy-duty travel case featuring integrated internal mounting layouts, structural internal padding, and AC/DC power adapters.

FEATURES AND BENEFITS

- **Rapid High-Fidelity Prototyping:** Provides an instant, live environment to demonstrate wander prevention responses like automatic locking, visual strobes, and localized alarms.
 - **Dual-Zone Isolation Testing:** Side-by-side design allows engineers to optimize directional RF fields, establish tight detection boundaries, and eliminate potential false triggers.
 - **Complete User-Interface Walkthrough:** Allows facilities to safely train staff on clearing Egress, Loiter, and Door Ajar alarms using real keypad configurations.
 - **Non-Disruptive Software Evaluation:** Supports seamless integration with Accutech software utilities to model database filtering, trend reporting, and resident photo matching.
 - **Turnkey Sales & Training Portability:** Packaged within a commercial travel case, protecting sensitive processing components during frequent transport across multi-site healthcare campuses.
- FCC Report+ 3

PRODUCT SPECIFICATION

Manufacturer	Accutech Healthcare Security Solutions
Product Model Name	LS 2400 Demo Kit (Side By Side Assembly)
Part Number / SKU	700176
Primary Operating Voltage	12V DC (via Included 100-240V AC Desktop Adapter)
Monitored Channel Emulation	2 Interlocking Side-by-Side Reference Zones
Core System Compatibility	Accutech ResidentGuard LS 2400 Series Infrastructure
Radio Frequency Spectrum	430 KHz (Standard Monitoring Receiver Frequency)

Simulated Alarm Verifications

Egress, Loiter, Door Ajar, Supervisor, Tamper, Band Alarm

Application Environments

Corporate Showrooms, System Engineering Labs, Staff Training Rooms

COMPLIANCE AND CERTIFICATION

- **FCC Status:** Fully compliant with FCC Part 15 regulations regarding digital shielding, guaranteeing that RF testing operations accept outside interference and do not emit destructive signals into active facility medical bands.
- **UL Listing:** Assembled using electronic core components built to comply with low-voltage UL safety listings for data appliances and facility alert instrumentation.
- **RoHS Compliance:** Fully compliant with Restriction of Hazardous Substances (RoHS) environmental rules, eliminating harmful heavy metals from the internal demonstration circuit paths.