Akuratemp®
Smart Medical Courier Totes
Powered by Akurasense™

Validated temperature control, continuous monitoring and digital chain of custody—built for high-volume courier networks.

Protect every sample through multi-stop routes, multiple handoffs, and mixed temperature requirements—without manual hassles of monitoring or visibility or compliance reporting gaps.

Route-ready.
Always visible.

Designed for Medical Courier Organizations, Diagnostic Laboratories & Regional Lab Networks, and Hospitals and Health Systems

Reduce excursions with alerts and visibility
Cut manual handling—no downloads required
Track assets across routes and hubs
Standardize multi-stop operations at scale
Improve closeout speed and route compliance
Lower loss and shrink across the network

Frozen | Refrigerated | CRT
Validated holdover: Up to 10 hours
Sensors: Temp | Location | Time
Data: Real-time | historical reporting

The Problem

Medical courier networks handle hundreds of pickups daily across lockboxes, physician offices, and hospitals—often with Frozen, Refrigerated, and CRT samples moving on the same route.

Without monitoring and custody visibility, teams face:
- Temperature excursions that risk sample integrity
- Compliance gaps from incomplete records
- Asset loss and route-level uncertainty during handoffs

The Solution

Akuratemp® Smart Medical Courier Totes deliver validated thermal performance with end-to-end real-time traceability from the start of the courier route, at each pickup and tote transfer to the final delivery at the regional lab.

Together with Akurasense™ platform, the Smart Medical Courier Totes offer a digital cold chain integrated packaging solution with compliance-ready, vendor-agnostic platform that reduces pre-analytical risk, audit exposure, and sample losses.

Validated for Real Courier Operations

Route Ready
Start-to-finish traceability

Validate tote temperature before start.

Add tote to courier trip.

Citywide Collection
Lower excursion risk

Continuous monitoring across the courier route.

Validate lockbox temperature at each pickup.

Custody Transfer
Defensible chain-of-custody

Transfer tote from local to long haul courier - Handoffs recorded with a digital custody chain.

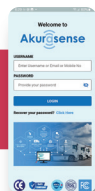Real-time notifications transfer to the new custodian without data gaps.

Lab Delivery & Reset
Audit-ready closeout

Delivery temperature validated at receiving, detach tote from courier trip.

Customized reports - Asset temperature report per trip, Asset chain of custody report.

Validated temperature control.
Continuous visibility.

Click here to schedule a quick demo of Akuratemp® Smart Medical Courier Totes with Akurasense™ monitoring.

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