



# S.M.A.R.T. Direct-to-Patient Therapy Shipper

Powered by Akurasense<sup>®</sup>

Reusable, smart parcel shipping solution built for 503A pharmacies and 503B compounding facilities shipping patient-specific therapies and injectables to physicians, hospitals, and care sites. It combines validated thermal performance with real-time IoT monitoring and end-to-end digital traceability—so every shipment is compliant, documented, and audit-ready.



## Proven Protected. Defensible Proof.

Ship with validated temperature control, real-time visibility, and defensible documentation in every trip.

- Validated temperature control for high-value therapies
- IoT real-time monitoring to catch risks early
- Full traceability (time, location, condition)
- Auto-generated audit reports—no manual logs
- Akurasense<sup>®</sup> inventory + shipment control across sites
- Reusable & sustainable to cut single-use waste and cost

- Frozen | Refrigerated | CRT
- Validated holdover: Up to 64 hours
- Sensors: Temp | Location | Light | Shock
- Data: Real-time | Historical reporting

### The Problem

Patient-specific therapies and injectables are high-value and temperature-sensitive—yet many shipments rely on packaging with limited visibility and inconsistent documentation. Without proven protection of temperature or handling conditions operators face avoidable loss, patient safety concerns, and liability exposure.

- Temperature excursions and unknown dwell times
- No real-time visibility during transit
- Manual, inconsistent documentation for audits
- Limited chain-of-custody defensibility

### The Solution

**Akuratemp**<sup>®</sup> delivers a smart, reusable therapy transport kit with Phase Change Material (PCM) temperature control, real-time IoT monitoring, and digital traceability through Akurasense<sup>®</sup>.

Every shipment is tracked from dispatch to return—capturing temperature, time, location, and operator credentials—then producing an audit-ready report that proves compliance and protects patient safety.

### Validated for Operations

#### Inventory Digitization Know every shipper

**Scan** shipper QR code to log receipt date and inventory location

**Remove** and condition PCM cooling elements per handling instructions

**Keep** assets organized and ready for compliant dispatch

#### Kit, Validate & Dispatch Ship only compliant.

**Pack** therapy product with conditioned PCM elements in the shipper

**Place** IoT sensor with the product

**Create** a trip in Akurasense<sup>®</sup> and assign the shipper asset

**Validate** shipper temp before dispatch

**Capture** ship date, temperature, location, and operator credentials

#### In-Transit Monitoring & Receipt Acknowledgement

**Monitor** temperature, location, and time continuously

**Confirm** arrival at the planned destination with receipt acknowledgement

**Auto-generate** transit documentation, including:

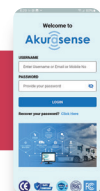
- Temperature performance
- Light exposure
- Shock events

#### Return, Reset & Reuse Reuse fast, repeatably.

**Scan** QR code upon return to confirm delivery time, location, and temperature

**Detach** asset from the trip inside Akurasense<sup>®</sup>

**Retrieve**, recharge, disinfect, and re-kit PCM elements for the next shipment



**Validated temperature control. Continuous visibility.**

[Click here](#) to schedule a quick demo of Akuratemp<sup>®</sup> Therapy Shippers with Akurasense<sup>®</sup> monitoring.



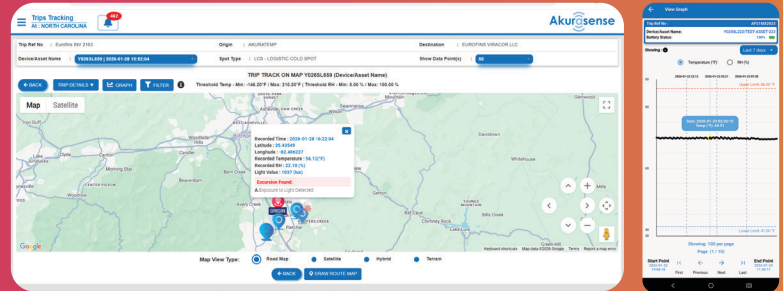
## Cold Chain Asset Monitoring & Traceability Platform

See everything, act in time, and prove it. Akurasense® digitizes cold chain assets onto one platform for their life-cycle traceability, temperature monitoring, excursion notifications, chain-of-custody tracking, calibration certificate management and audit-ready reporting — so you prevent loss in transit, improve cold chain asset performance and implement conformance of operating procedures across lab courier networks.



## Therapy Shipper Monitoring. Audit-ready Reports.

21 CFR Part 11 Compliant Platform  
Map & Standardize Therapy Shipping Operation  
Operator Training & Improvement Analytics



### Plan

- Identify Shipper Assets
- Map D2P Therapy Shipping Operation
- Validate Shipper Reliability
- Standardize Operation
- Train Operators

- Digitize Shipper Inventory
- Program Shipping Routes
- Map Shipper Assets to Shipping Routes
- Program Notifications

### Do

- Check Shipper Readiness at Packaging
- Create Trip and Add Shipper
- Monitor Real-Time Geolocation & Time Stamped Temperature During Transit
- Validate Geolocation & Time Stamped Temperature at Delivery & End Trip

### Check

- Generate Audit Ready Trip Report
- Prove Chain-of-Custody
- Manage Calibration & Inventory
- Respond to Real-Time Notifications

### Act

- Analyze Asset Performance Over its Life Cycle
- Re-Plan

## Why Akurasense®

**Built for Lab Cold Chain**  
Purpose-engineered for specimen, reagent & CGT workflows

**One Central Platform**  
See every tote, truck, fridge & lockbox in one view

**Scales Effortlessly**  
Manage multi-location networks with role-based access

**Regulatory Confidence**  
Secure, cloud data & e-records support FDA/CLIA accreditation

**SOP-Ready**  
Configurable alerts, reports & user roles fit your existing processes



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