

Our solutions for sample logistics

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Sustainable sample transportation with TriCollect

With TriCollect patient samples are delivered safely and in accordance with UN 3373 to the laboratory.

- Cost-effective and environmentally friendly due to prevention of plastic waste
- No unpacking of tubes

2

Continuous sample workflow starting at the sample reception

The InTrac transportation system carries the samples from reception to registration.

- Continuous sample workflow (FIFO)
- High degree of automation while maintaining a visual entry check
- Reduction of walking distances

3

Automated registration and sorting

The ATRAS registers and sorts the samples as bulk which relieves the employees.

- Avoidance of manual errors
- Early time stamp
- Plausibility check and sorting out of samples in questions
- Throughput of approx. 3,000 tubes/hr

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Configurable registration and sorting

The combination of bulk, rack, and InTrac provides a high degree of automation on a small footprint.

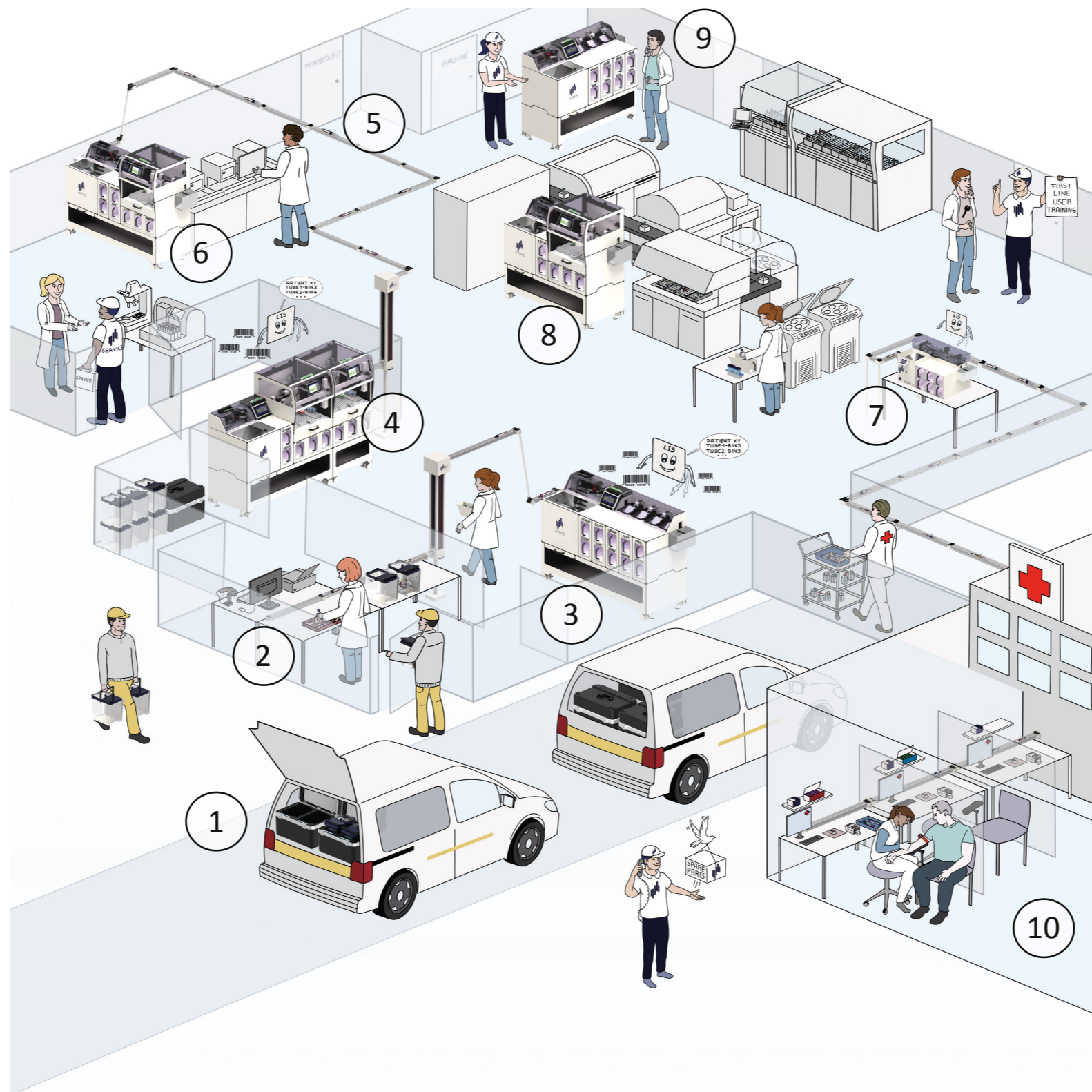
- Optimization of subsequent processes
- Sorting into customer-specific racks
- Distribution of tubes via InTrac to the next work area

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Automated sample distribution through InTrac

InTrac continuously conveys the samples from the sample reception area to the work areas.

- Forwarding of samples to the work areas
- Overcoming obstacles and height differences
- Optional connection to ATRAS via InTrac Inlet



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Process optimization of individual work areas - example hematology

The ATRAS optimizes the workflow in the hematology area by sub-distribution.

- Sorting into customer-specific racks
- Workflow optimization
- Continuous loading of ATRAS by InTrac Inlet

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Compact registration and sorting

The ATRAS TS organizes the sample reception area on a footprint of only 0.4 m².

- Automated registration and sorting of all common sample tubes as bulk
- Continuous loading of the ATRAS TS by InTrac Inlet (optional)

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Process optimization for TLA and TTA

Upstream of a TTA or TLA, the ATRAS performs a flexible presorting.

- Sorting out of samples for non-connected analyzer systems
- Loading of analyzer-specific racks and centrifuge buckets

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Cost-effective automation of post analytics

The ATRAS provides a cost-effective solution for archiving closed samples as bulk on a small footprint.

- In case of re-testing/new analytical requests, the ATRAS is loaded with the archived samples
- The requested samples are sorted out

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Continuous sample transportation in the phlebotomy area

After blood collection, samples are simply placed on InTrac and transported directly to the next station.

- Reduction of walking distances
- In line with the FIFO concept
- Connectivity of InTrac to ATRAS (optional)

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Our solutions for sample logistics



ATRAS for the sample reception area and preanalytics

The ATRAS is a cost-effective solution for the registration and sorting of tubes into bulk bins, racks and centrifuge buckets. Due to its modular concept, the ATRAS can be configured and adapted perfectly to individual workflows.

SIMPLE

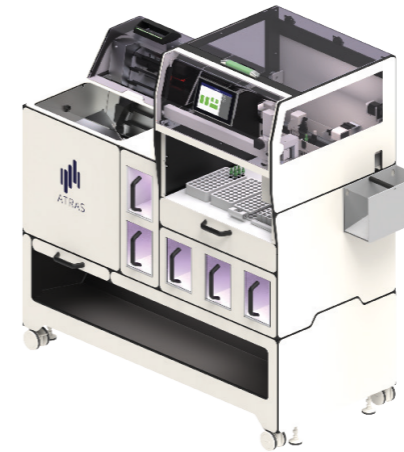
- Intuitive operation, continuous loading and unloading of tubes
- Separate STAT input for urgent samples
- Quick and easy change of sorting rules

FLEXIBLE

- More than 25 configurations for sorting into bulk, rack, and centrifuge buckets
- Connectivity to InTrac for sample input or distribution (optional)

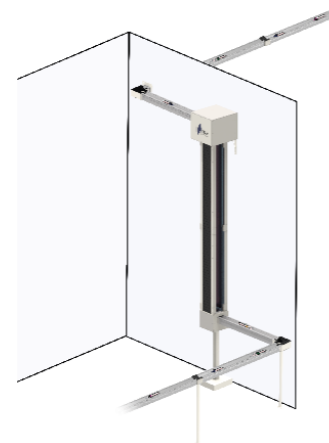
RELIABLE

- Easy coping of peak hours due to high throughput of approx. 3,000 samples/hr (standard configuration)
- Most robust and reliable bulk loader/sorter on the market, achieved through continuous improvements and implementation of customer feedback



InTrac for medical laboratories and phlebotomy centers

The intelligent transport system InTrac ensures a barrier-free and cost-effective transportation of closed samples.



SIMPLE

- Continuous feeding and transportation of samples
- Direct connection to the ATRAS (optional)

FLEXIBLE

- Modular and easily expandable
- Easily adaptable to local conditions
- Obstacles and height differences can be overcome
- Transportation to other floors possible

RELIABLE

- Recognition of blockages
- Safe guidance of the tubes by belts and lateral walls
- Runs on 24 V DC extra-low voltage

TriCollect for the sample transportation from sender to laboratory

The integrated concept for safe and economical sample transportation, consisting of a rack box, collection box and transport box.

SIMPLE

- Elimination of unnecessary process steps such as unpacking plastic bags
- Environmentally friendly without additional effort for the user

SECURE

- According to UN 3373
- Patented concept avoids loss of tubes
- Coagulation of serum tubes by upright storage before transportation

ECONOMIC

- No costs for plastic bags and its disposal
- Saves time when unpacking samples in the laboratory
- Space saving by commissioning of tubes



ATRAS

Registration and sorting of patient samples

InTrac

Transportation of closed samples within the medical laboratory

TriCollect

Save sample transportation to the laboratory without plastic waste

