

OUR SOLUTIONS FOR SAMPLE LOGISTICS

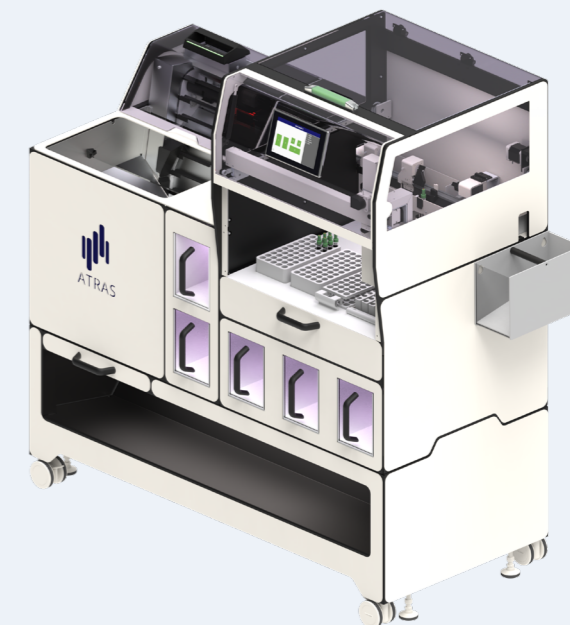
ATRAS

Cost-efficient bulk loading and sorting

Benefit from numerous output configurations for sorting into bulk bins, racks and centrifuge buckets

Enjoy a throughput of approx. 3,000 samples/hr

Experience the reliability of the 4th ATRAS generation



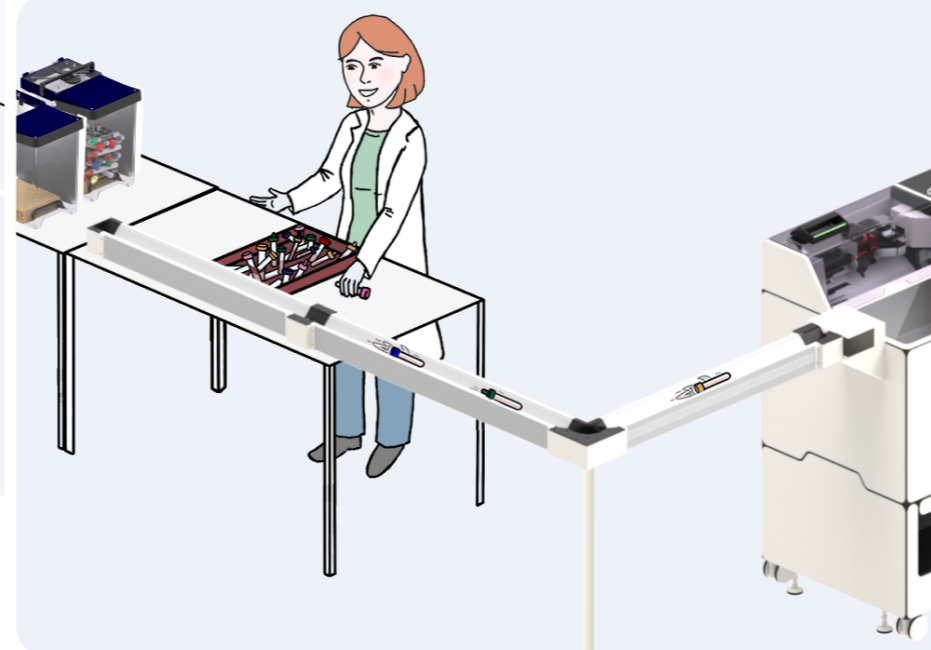
InTrac

Seamless transportation of closed tubes

Create a fast and constant sample flow

Cut down walking distances

Transport samples barrier-free within the lab and to other floors



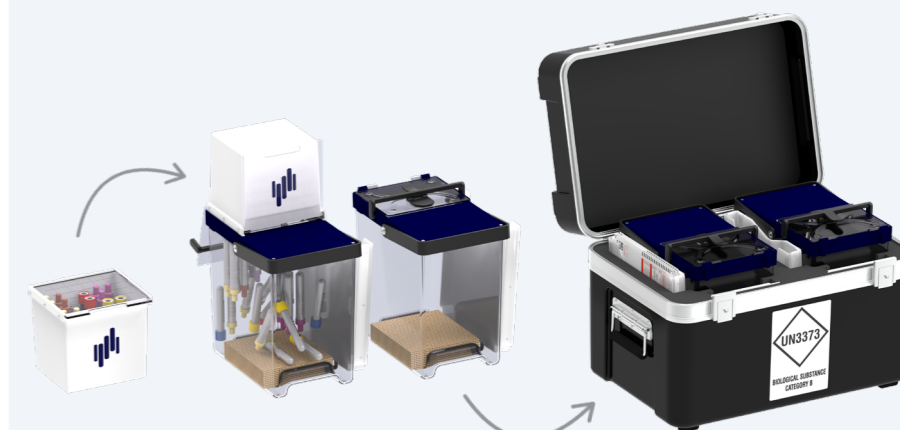
TriCollect

Sustainable sample transportation from sender to laboratory

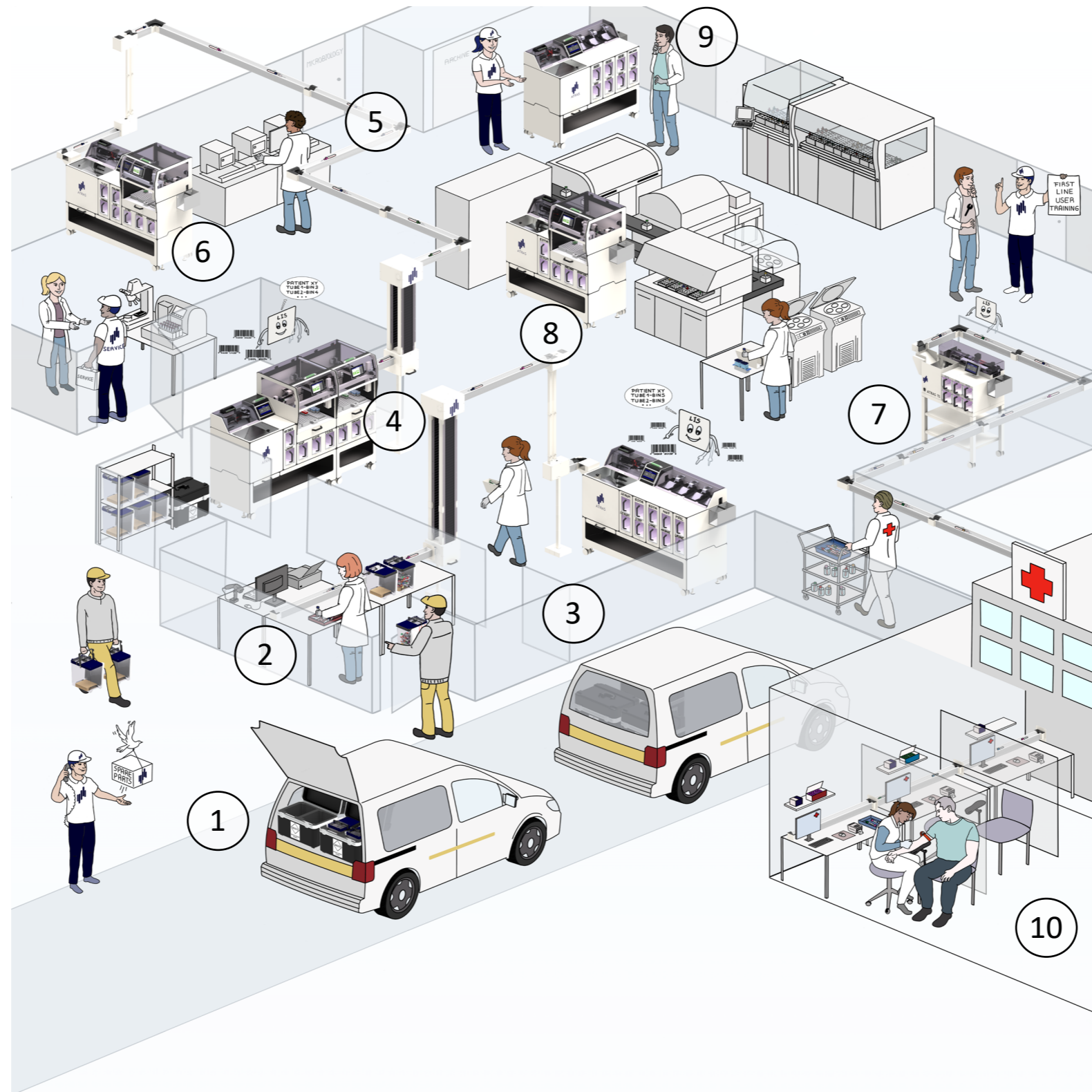
Ensure safe handling and transportation of samples and request forms due to a patented and coherent concept

Eliminate costs of plastic bags

Reduce time used for sample unpacking



OUR SOLUTIONS FOR SAMPLE LOGISTICS



1 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

4 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

5 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

6 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

7 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)

8 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

9 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

10 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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