

# YOUR WORKFLOW - YOUR ATRAS

The ATRAS series offers cost efficient bulk loading and sorting for sample reception and work areas. Selected scenarios are displayed below in more detail.

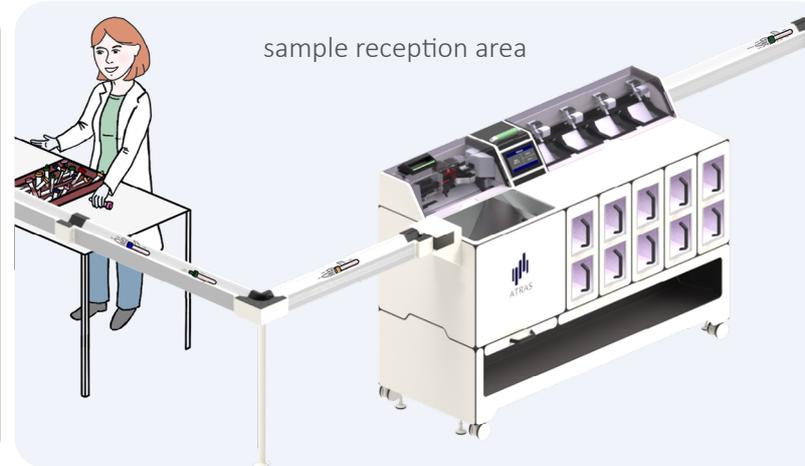
## Fast registration of samples

Tubes are manually loaded into the ATRAS as bulk or continuously fed via InTrac.

Easy mastering of peak hours due to a high throughput of approx. 3,000 samples/hr

Improvement of process quality through early time stamp and sample integrity check

Avoidance of manual errors



sample reception area



## Wide range of sorting options

After registration, samples are sorted into Bulk Output bins or racks and centrifuge buckets.

Optimization of preanalytical processes through sorting into customer-specific analyzer racks and centrifuge buckets

Retention of a high throughput thanks to the fastest bulk to rack sorting on the market

## Workflow improvement for work areas

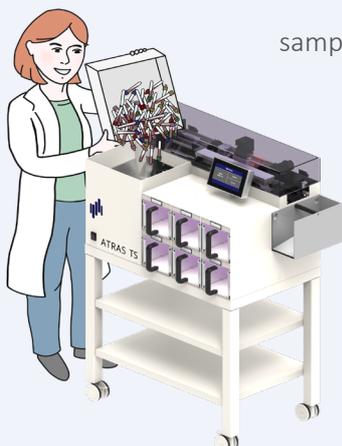
The ATRAS offers subsorting for the distribution of samples to other analyzers.

Workflow-specific subsorting results in analytical workflow improvements

Continuous loading of ATRAS by InTrac improves the turn-around-time



sample reception area



## Solution for small laboratories

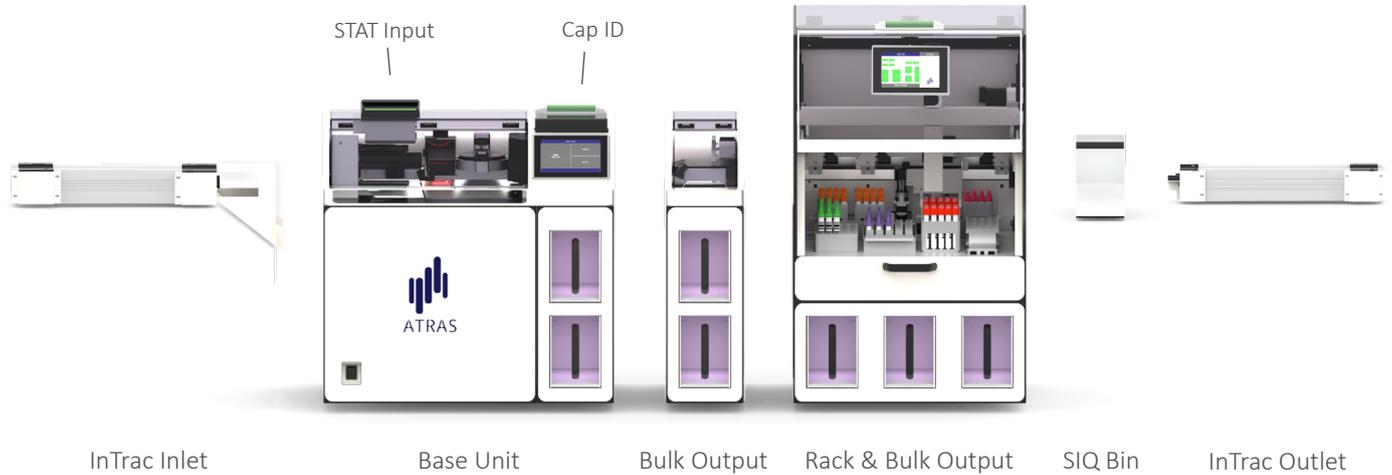
The ATRAS TS combines functionality and performance with a compact design.

Cost-efficient solution for laboratories with space limitations

A throughput of 1,200 tubes/hr ensures fast sample processing

# EXPERIENCE THE EXTENSIVE MODULARITY OF THE ATRAS SERIES

The modularity of the 4<sup>th</sup> ATRAS generation allows to configure each system to perfectly fit your individual needs.



## InTrac Inlet

The InTrac Inlet connects the intelligent transportation system InTrac with the Bulk Input of ATRAS. Closed sample tubes are continuously loaded into the ATRAS.

- Improvement of productivity and turn-around-time
- Reduction of walking distances

## Base Unit

The Base Unit is the central place for bulk input, designed according to the FIFO principle. It contains one Bulk Output module, a STAT input and Cap ID (both optional).

- Approx. 3,000 tubes/hr
- CapID with best in class cap color recognition for sample integrity check

## Bulk Output

Each Bulk Output module allows bulk sorting of tubes into two output bins.

- Capacity of up to 200 tubes per bin
- Removal of bins while ATRAS keeps on running

## Rack & Bulk Output

The Rack & Bulk Output module combines sorting into racks and centrifuge buckets with bulk sorting.

- Customized rack area setup to fit individual needs
- Fastest bulk to rack sorting on the market (throughput of more than 1,000 tubes/hr per module)

## InTrac Outlet

The InTrac Outlet enables the continuous transportation of closed tubes from the ATRAS to following work areas.

## SIQ Bin

Samples in question are sorted into the external SIQ bin. The tubes can be picked up easily for further investigations.

