

Ultra

X-TubeProcessor®_Ultra - Our high throughput system tailored to your needs

HTI offers flexible solutions for automated tube and liquid handling that are optimized for a variety of laboratory and production processes..

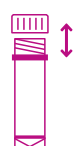


TubeProcessor®_Ultra

Our high throughput system tailored to your needs

The **X-TubeProcessor®_Ultra** supports medium to large productions by processing up to 1.000 tubes per hour. HTI's **Ultra** systems are noted for their universal applications, high accuracy and compact design. They run up to 10 processes in parallel and operate with various modules. The **Ultra** runs economically and with low wear, has a clearly arranged structure, is easily accessible and thus extremely user-friendly. The **Ultra** may also be used under sterile work conditions. Overall, the **Ultra** adjusts flexibly to your needs and your operational growth and is there with your reliable partner for your success.

Individual configuration of the function modules



Capping/Decapping

Our X-TubeProcessor®_Ultra automate opening and closing of tubes. We offer solutions for different tube and cap sizes and types. The caps and tubes are loaded as bulk ware, the tubes can also be placed into racks.



Sorting & Storage

Depends on the modules and configuration, the X-TubeProcessor®_Ultra enables medium and high throughput. The feeding and storage of the tubes can be realized as bulk ware or in individual or numerous racks in a shelf. The feeding of caps are always fed as bulk ware.



Barcode Identification

Reliable traceability in the working process is possible with our products. Barcodes on tubes and racks can be read and processed according to requirements.



Pipettieren & Dispensing

The tubes are filled with reagents or powder in parallel or sequentially. The dispensing is realized with peristaltic or syringe pumps. Dispensing volumes in the range of 10 µl to >2 ml per tube are typically processed.



Labelling

The X-TubeProcessor®_Ultra is extendable with labelling modules for the labelling of the tubes and caps. Die prints onto the labels can be realized batchwise identical or with serialization and with Thermotransfer, Laser or Inkjet. The label content can be typed via the control panel or via a database connectivity.



Sterile Applikationen

We offer tube handling solutions for sterile applications. The products are adapted with special hoods, Hepa-filters and laminar flow.

Technical data (typical configuration)

Sizes (l x d x h):	250 x 200 x 200 cm
Weight:	Ca. 500 kg
Electrical supply:	380 V; 3 x 10 A
Compressed air supply:	6 ... 8 bar dry air; 600 l/min
Connections:	Electrical inlet Pneumatic inlet USB Ethernet

Process time

All processes are in parallel. Therefore, the process time is nearly independent from the number of processes:

-> appr. 4 seconds per tube

Highlights:

- Capping / Decapping
- Serial or parallel processing
- Filling with peristaltic and syringe pumps
- Labelling of tubes
- Labelling of caps
- Automatic feeding of caps and tubes
- Automatic tube feeding
- Rack feeding module for up to 100 SBS racks (48 tubes)
- Barcode reader module
- Weighing module for detection of filling quantities
- Electronical torque control

Service and Support

Act rather than react

Our aim is permanent availability of your equipment during operations. Regular on-site and remote maintenance prevents uncontrolled downtimes. On request, we thoroughly check our own and third-party components and products. Experienced service technicians with standardized tools are available when you need them. We are happy to create individual service packages for you.

Your Benefits

- Short reaction times
- Permanent availability as target
- Regular, predictable maintenance intervals
- Original spare parts
- Long term availability of spare parts
- Full cost control
- Individual service packages

One step ahead

Always there for you

Your relationship to HTI does not end with the purchase of a system - we are your reliable partner and support you in your workflow and over the entire service life of your product. We offer technological advice and service so that you can always achieve top performance. Our customer service team is happy to take up your concerns and process them promptly. If an incident occurs, we make a point in offering you competent, fast and straightforward assistance.

Contact

You can reach our experts at any time via the following contact options:



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