

Basic

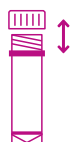
X-TubeProcessor®_Basic - The ideal product for a first level of automation
HTI offers flexible solutions for automated tube and liquid handling that
are optimized for a variety of laboratory and production processes.

TubeProcessor®_Basic

The ideal product for a first level of automation

The **X-TubeProcessor®_Basic** is the ideal product for users looking for a first level of automation at their workplace. Boost your lab by switching from ergonomically straining and monotonous manual work to fully automated processing of your tubes. The **X-TubeProcessor®_Basic** is extendable with modules for dispensing and labelling as well as rack and cap feeding solutions. Overall, the **Basic** 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®_Basic automate opening and closing of tubes. We offer solutions for different tube and cap sizes and types. The caps are pre-loaded as bulk ware, the tubes are placed into racks.

Sorting & Storage

The X-TubeProcessor®_Basic enables small and medium throughput. In the basis version, the tubes are in one rack for 96 tubes. With an extendable module, up to 7 racks can be processed without user interventions.



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.



Pipetting and Dispensing

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



Labelling

The X-TubeProcessor®_Basic is extendable with a labelling module for the labelling of the tubes. Die prints onto the labels can be batchwise identical or with serialization. The label content can be typed with the control panel or via a database connectivity.

Technical data

Sizes (l x d x h):	68 x 61 x 60 cm
Weight:	Ca. 65 kg
Electrical supply:	110 ... 230 V; 5 A
Compressed air supply:	6 ... 8 bar dry air; 230 l/min
Connections:	Electrical inlet Pneumatic inlet USB Ethernet

Process time for 96 Tubes

- Capping: appr. 10 minutes
- Filling and Capping: appr. 15 minutes
- Filling, Capping and Labelling: appr. 25 minutes

Highlights:

- Capping / Decapping of 96 tubes in a rack
- Filling with a peristaltic pump
- Labelling of the tubes
- Automatic cap feeding
- Rack feeding module for up to 7 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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