![HTI | Smart Automation]

Smart

X-TubeProcessor®_Smart - Our electrically operated, modular table-top unit

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

⊗ TubeProcessor®_Smart

Our electrically operated, modular table-top unit

The **X-TubeProcessor®_Smart** is a purely electrically actuated, modular benchtop product ideal for capping and decapping, labelling and dispensing of tubes. Boost your lab by switching from ergonomically straining and monotonous manual work to fully automated processing of your tubes. Overall, the Smart 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
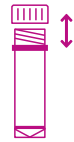
Capping/Decapping

Our X-TubeProcessor®_Smart automate opening and closing of tubes. The Smart is designed for processing 0,5 … 2,0 ml Sarstedt tubes. The caps are loaded as bulk ware, the tubes are placed into racks.

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.

Labelling

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

Sorting & Storage

Depends on the modules and configuration, the X-TubeProcessor®_Smart enables small and medium throughput. The feeding and storage of the tubes is realized in up to 2 racks with 96 tubes or with up to 4 SBS racks with 48 tubes each.

Dispensing

The X-TubeProcessor®_Smart is extendable with a dispense module. The tubes are filled sequentially with reagents. The dispensing is realized with a peristaltic pump. Dispensing volumes in the range of 10 µl to 2 ml per tube are typically processed.

Technical data

Sizes (l x d x h):	80 x 58 x 60 cm
Weight:	Ca. 70 kg
Electrical supply:	110 … 230 V; 8 A
Compressed air supply:	-
Connections:	Electrical inlet USB Ethernet

Process time for 96 Tubes

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

Highlights:

- Capping / Decapping
- Serial processing
- Filling with peristaltic pump
- Labelling of tubes
- Automatic feeding of caps
- Up to 2 rack for 96 tubes or up to 4 SBS racks for 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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