

X-TubeProcessor®

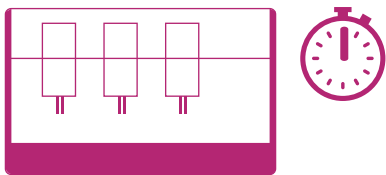
Flex

The simply flexible automation
solution for your laboratory

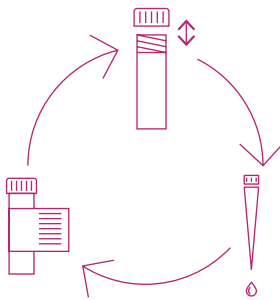


Customized automation made easy.

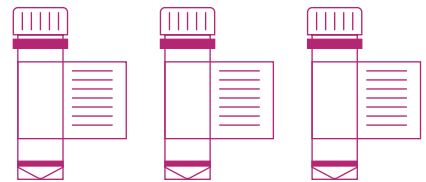
With its standardized, freely combinable modules, the X-TubeProcessor®_Flex enables you to easily automate your individual processes for processing of microscrew tubes very easily.



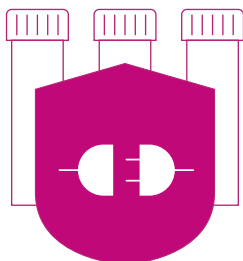
Long walkaway times, thanks to the processing of nine SBS racks or output of the processed products as bulk material and sending error messages by e-mail.



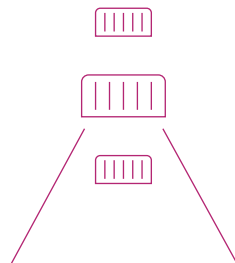
Flexible adaptation to a wide range of process and quality requirements - thanks to numerous possible combinations of standardized modules, functions, tubes and caps.



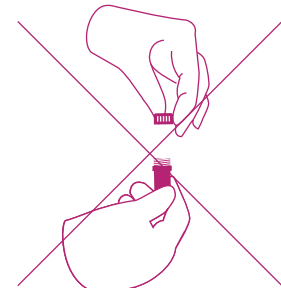
High throughput despite compact size with up to 600 tubes processed per hour.



Reliable operation and fast integration into existing processes - thanks to sophisticated technology with numerous security and control functions, as well as sensors that can be activated and sensors that can be switched on and off.



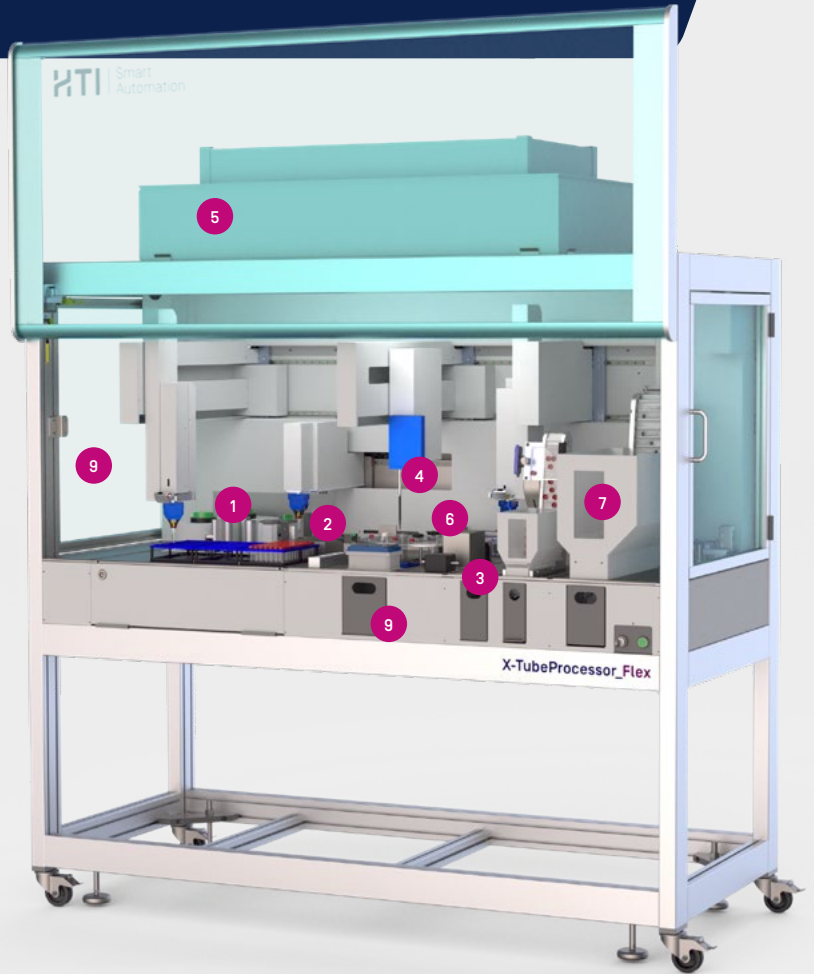
TubeFeeder for fast filling of the microscrew tubes as bulk material instead of manual loading of the racks.



Free your staff from manual work and associated risks, like contaminations, errors and repetitive strain injuries.

Key functionalities of the Flex

X-TubeProcessor®_Flex is the perfect support for your everyday laboratory work. Thanks to a modular design, we can offer you a customized solution for your specific application, while the use of standardized components eliminates expensive and time-consuming development work.



Process time per 96 tubes (Serial processing)

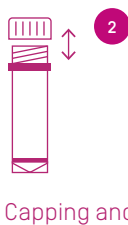
600 Tubes/h for capping, decapping and dispensing (peristaltic pump)

450 Tubes/h for capping, decapping and labelling

Key process functions



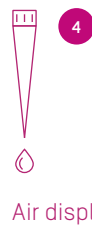
Labeling



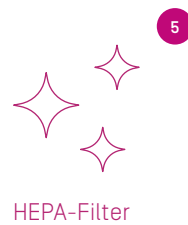
Capping and decapping



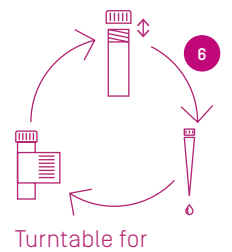
Peristaltic pump



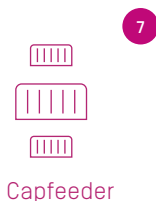
Air displacement pipette (ADP)



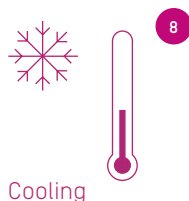
HEPA-Filter



Turntable for parallelization of processes



Capfeeder



Cooling



Cap eject container

Service at HTI

To avoid operational downtime, we proactively maintain our devices on a regular basis both on-site and via remote maintenance. Moreover, in our training courses you will gain all the knowledge you need for a proper use of your device. These and other services can be part of your individual service contract.

Your Benefits

- Service-Level Agreements
- Installation at a fixed price
- On-site maintenance and service
- International service-network

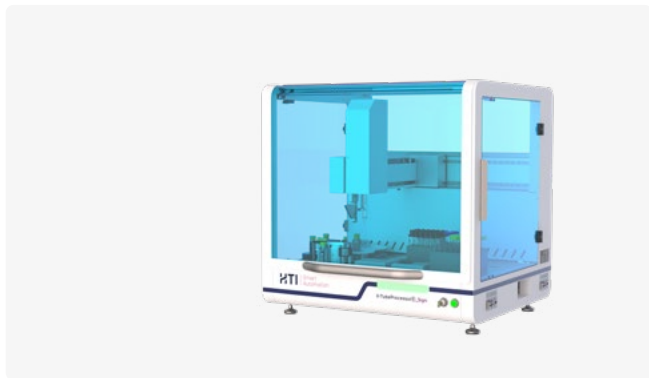
DIN EN ISO 9001

Our DIN EN ISO 9001 certified quality management ensures the highest process forms of cooperation, planning and legal security. Regular audits form the basis for continuous improvement and for delivering the highest quality at all times.



X-TubeProcessor® Series

Our powerful and sustainable solutions for your laboratory processes.
The right device for every need.



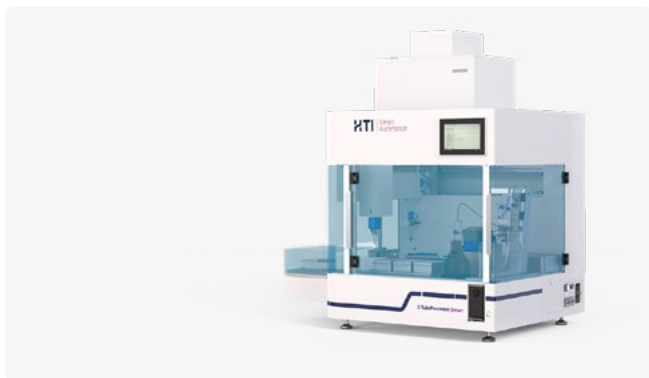
X-TubeProcessor®_Sign

Labelling
Datamanagement



X-TubeProcessor®_Basic

Tube & cap handling
Labeling & marking



X-TubeProcessor®_Smart

Tube & cap handling
Label & marking
Dispensing (Peristaltic pump)
Sterile applications



X-TubeProcessor®_Ultra

Tube & cap handling
Label & marking
Dispensing
Identification
Sterile applications
Sorting & Storage



Partnership-based. Competent and field-tested.

For more than 20 years, we at HTI have been regularly reinventing ourselves - for and with our customers.

With our engineering services and our solutions for laboratory and production automation, we are the reliable partner for your success.

+20 years
experience in
laboratory
automation

**+ 1100 devices
and equipment**
developed and
produced

Quality management
according to
DIN ISO 9001

**Engineering
Made in Germany –**
International service
network

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