



X-TubeProcessor®

# Smart

Laboratory automation within  
minimum space



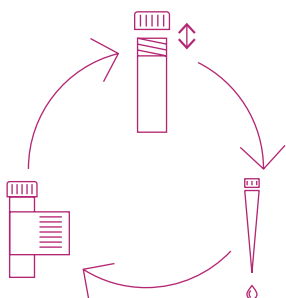
# Tube handling has never been easier.

Discover the compact and cost-saving automation solution for opening, filling, capping and labelling micro-screw tubes.

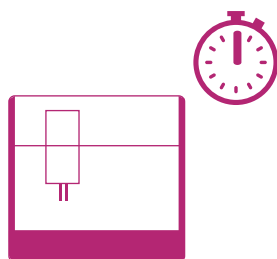


“We needed equipment that could be easily integrated into our routine production schedule. HTI was able to deliver an automation solution that fit our processes and took up as little space as possible.”

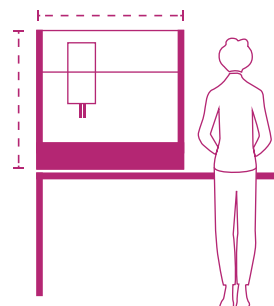
**Brett Clark,**  
Production Manager at Genetic Signatures



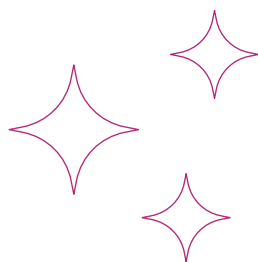
**Full-blown automation solution**, that can be flexibly adapted to a wide range of processes and quantities.



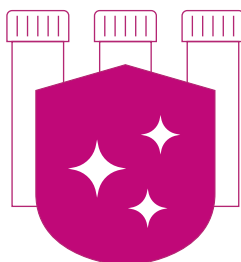
**Longer walkaway times**, thanks to processing of up to 6 racks.



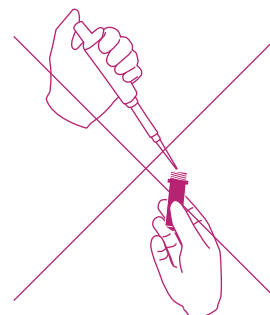
**No interference with laboratory work** thanks to compact size and quiet operation.



**Sterile working** even without a corresponding workbench thanks to HEPA-filter.



**Reproducible automated process** that is time-saving and sensor-stabilised.



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

# Key functionalities of the Smart

Place up to six racks of micro-screw tubes, press „Start“, and is done: Processing tubes with the XTubeProcessor®\_Smart is that simple. Despite its compact size, the device is a full-blown automation solution that can be flexibly adapted to a wide range of processes and production quantities.

**Process time for 6 racks with 48 tubes each**  
(Serial processing)

**48 min.** Labelling

**57 min.** Dispensing and Capping

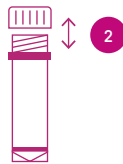
**96 min.** Dispensing, Capping and Labelling



## Key process functions



Labeling



Tube Handling



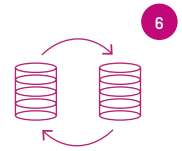
Peristaltic Pump



Capfeeder



HEPA-Filter



Datamanagement

## Key supporting functions

7

Touchscreen

8

Anodised Aluminium Rack Storage

9

Plexiglass Doors with UV-Filter

10

Height-Adjustable Feet

11

Source Vessel

12

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

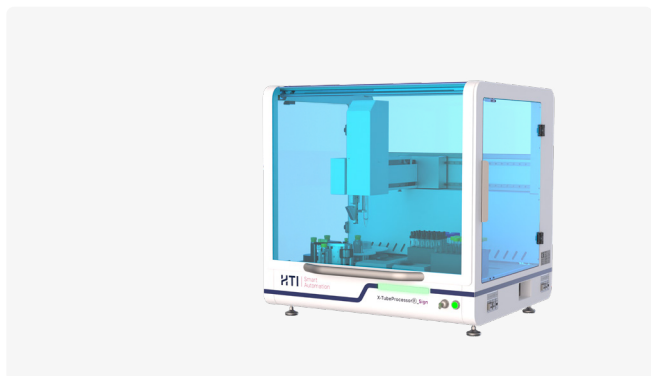
## DIN EN ISO 9001

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.



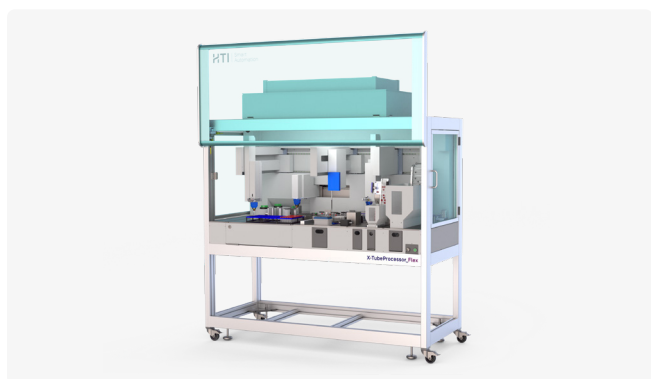
**X-TubeProcessor®\_Sign**

Labelling  
Datamanagement



**X-TubeProcessor®\_Basic**

Tube & cap handling  
Labeling & marking



**X-TubeProcessor®\_Flex**

Tube & cap handling  
Label & marking  
Dispensing  
Identification  
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.

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**+20 years**  
experience in  
laboratory  
automation

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

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**Quality management**  
according to  
DIN ISO 9001

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

### Questions regarding our products and services:

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