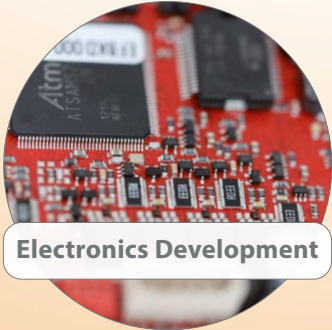




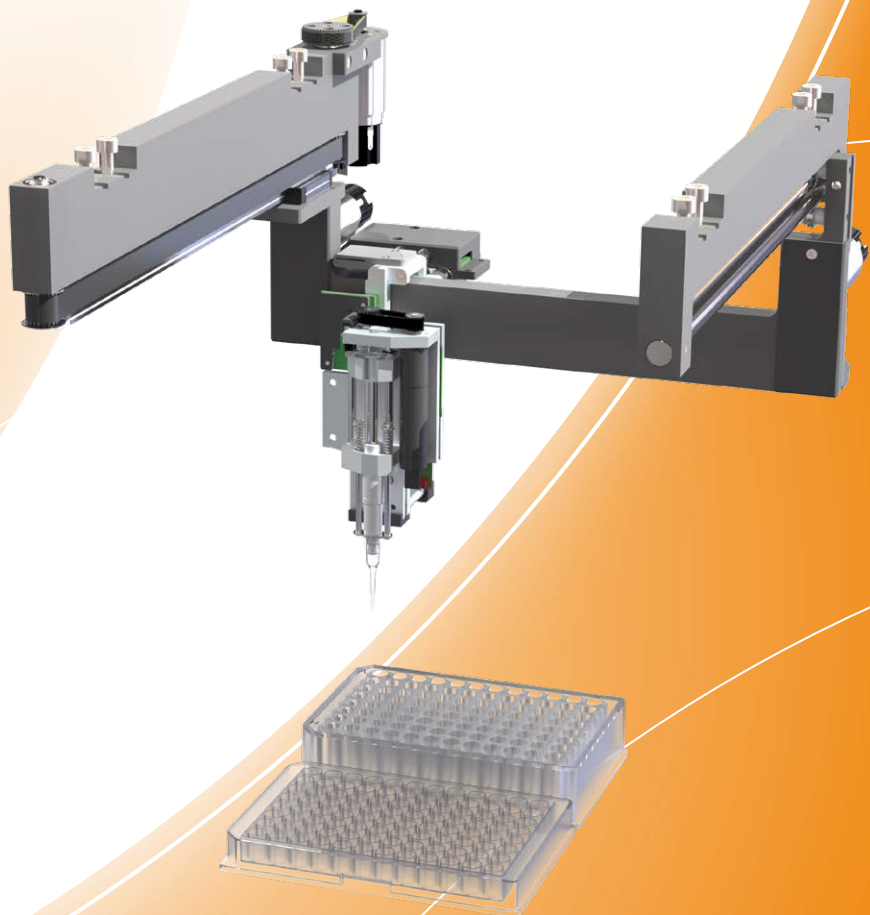
Electronics Development



Series Production



Special Machine Construction



OUR PRODUCTS INTRODUCED

H-Move-Sampler

Tailored solutions for maximum market success

Example from the field: – **Series Production** –

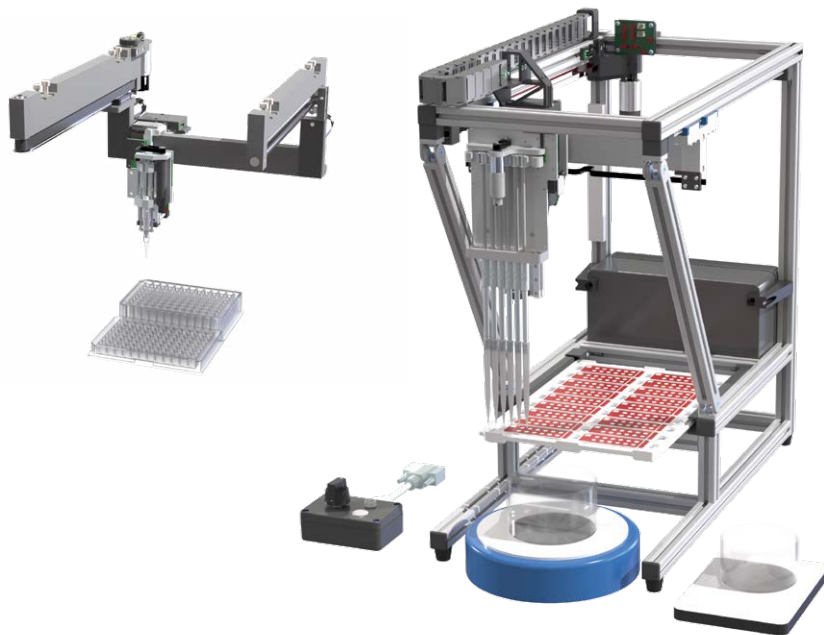
CYBERTRON
Gesellschaft für Kinematische Systeme
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Our company is certified according to
DIN EN ISO 13485 and 9001

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2026-03 H-Move-Sampler english

H-Move-Sampler



Brief Description

The H-Move sampler is mounted hanging on an appropriate housing construction. The gantry bridge is not mounted on the base plate and can therefore ensure better accessibility to the work area. Transport systems, such as the Cybertron tray drive concept, can be integrated underneath the H-Move sampler to save space. Due to their excellent accessibility, these superstructures are mainly used within flow and workbenches as well as various climate chambers.

The standard version of the H-Move sampler is equipped with an active Y-axis, with the gantry bridge being passively guided on the other side. For larger working areas, two active Y-axes are used, which work completely parallel to each other in main-sub mode thanks to the Cybertron IQ5500 compact device control.

Our strength and your advantage:

OEM system offers the option of customizing the working range of all axes individually for you, deviating from the standard dimensions. The same naturally also applies to dosing heads, which can be developed to meet your specific requirements.



Designed, developed and made in Germany.
Our company is certified according to
DIN EN ISO 13485 and 9001

We support your specific product idea
from the special machine to the series product.
Contact us and let us advise you without obligation!

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Technological Insights



**1-channel 200µl dosing head and
8-channel 1000µl dosing head**

We offer a large selection of dosing heads in various versions and sizes. Based on your requirements, the dispensing heads are adapted for precision, dispensing volume, pipette tip and dispensing speed. We have already developed tip holders for commercially available pipette tips suitable for robots. Our standard dosing units are the 1-channel 200µl and the 8-channel 1000µl dosing head. We also offer a 4-channel 5000µl dosing head for particularly large dosing volumes!

Our **DIN 13485-compliant development process** guarantees market acceptance!

Further Technology Fields of Cybertron:

- **Single and multi-axis systems**
(linear and rotary)
- **Piston stroke pipetting systems**
(1K - 8K, 10 - 5000µl)
- **Needle dispensing systems**
(1K - 20K)
- **Liquid level detection**
(needle + pipette)
- **Gripping systems**
- **Camera systems**
(simple, neural networks, AI)
- **Carrier systems**
(samples, reagents, glass slides)