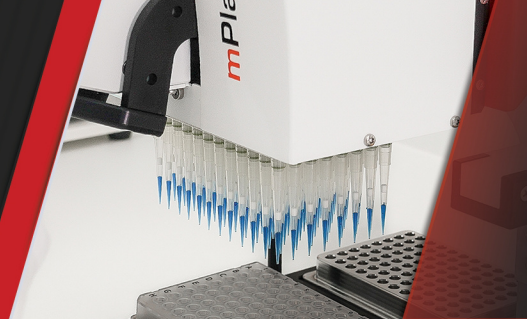
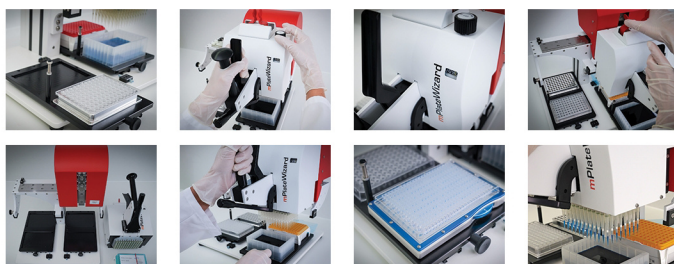


mPlateWizard™

MANUAL 96 CHANNEL PIPETTE



Affordable acceleration of your laboratory workflow when pipetting 96 and 384 well plates – amazingly simple operation, incredible speed, high accuracy and precision. Individual customisation, with a wide range of accessories, such as adapters for processing 384 well plates, 8 well strips, 12 well strips, or single tubes. Health benefits for laboratory personnel, significantly reducing RSI (repetitive stress injuries). Two volume ranges, and diverse range of applications.



Key Operational Advantages

SIMPLE OPERATION

The mPlateWizard™ manual 96 channel pipetting system can be operated by anyone after just a 5 minute introduction. No complicated, and time-consuming programming is required, as with pipetting robots. Operation is just as simple and intuitive as with a manual pipette.

INCREDIBLE SPEED

Filling a 96 well plate now takes less than 10 seconds. Even processing 384 well plates is completely effortless with just four pipetting steps. This allows high-throughput experiments to be carried out for the first time, without high costs or increased staff workload.

HIGH ACCURACY

High-quality, interchangeable tips enables accuracy and precision comparable to that of 8 or 12 channel pipettes, and even significantly exceeds them in terms of coefficients of variation. Additionally, the risk of double pipetting or missing entire rows or columns is eliminated.

UNBEATABLE PRICE

The mPlateWizard™ costs only a fraction of a pipetting robot, and does not require expensive upgrades and maintenance. Furthermore, it can be operated by anyone without extensive training, thus saving on expensive personnel for programming and operation.

“Axon's PlateWizard systems offer easy handling, flexible volume, and affordable solutions for any life science lab – using 96 and 384 well plates, – and for those who are striving to improve laboratory efficiencies to accelerate their throughput.”

Flexibility & Customisation

Simple operation

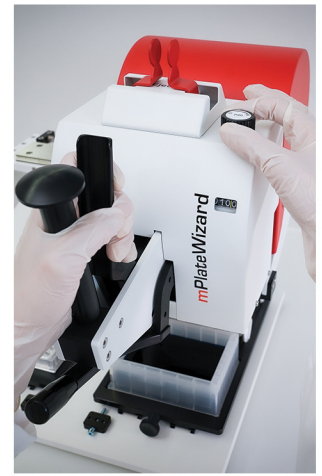
Thanks to its compact design, the **mPlateWizard™** is portable and can even be used on a sterile workbench.

Individual adaptation

With a wide range of accessories, such as adapters for processing 384 well plates, reagent reservoirs, or sample temperature control blocks, the **mPlateWizard™** can be fully adapted to your needs. We are also happy to develop custom solutions for your specific applications.

Health benefits for laboratory personnel

By simultaneously pipetting 96 channels, the harmful strain of working with multichannel pipettes can be significantly reduced. Unlike robotic systems, pipetting with the **mPlateWizard™** is as silent as with a manual pipette. This allows for noise-free operation in any laboratory.



Two volume ranges

2–220 µl, 1 µl increment: cell culture, ELISA, crystallography;
0.5–20 µl, 0.1 µl increment: pre- and post-PCR, qPCR

Made in Germany



The **mPlateWizard™** is designed and manufactured exclusively by our group company, **Alpina Scientific GmbH**, at our production facility in Neckargemünd, Germany. This ensures the high quality standards that make you a satisfied customer.



Diverse Applications

The **mPlateWizard™** offers precision and speed across a wide range of laboratory processes. Its 96 channel capability makes it an indispensable tool for high-throughput microplate applications, including:

- **PCR / qPCR:** Pipetting and preparation of master mixes
- **ELISA:** simultaneous processing of almost all reaction steps in microtiter plates (coating, starting, stopping, washing, etc.)
- **Cell culture:** adding and removing media; plate replication
- **Crystallography:** dropwise addition of solutions
- **Expression tests:** plate replication
- **Supplement to existing automation:** assay development and adaptation to 96 channel systems; backup solution for maintenance and downtime
- All tasks involving pipetting on a **96 or 384 channel** scale

Accessories & Consumables

In addition to the pipetting system, Axon provides further accessories and consumables, such as pipette tips, plates, sealing films, reagent reservoirs, adapters, height stops, and grease boxes, for example:

- Adapter for **mPlateWizard™** for processing 384 well plates. Positioning is done via a rotary knob.
- Adapter for **mPlateWizard™** for processing 384 well plates. Positioning is done manually.
- Aluminium temperature control block for **mPlateWizard™** for 96 x 0.2 ml, for PCR tubes, strips, and PCR plates, Ø 7.8 mm.

Service & Support

We also provide the necessary service, maintenance and repairs for the device.