



MDZ

SMART
INSTRUMENTS
FOR SCIENCE



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High Precision Liquid Handler

Argenta 96/384

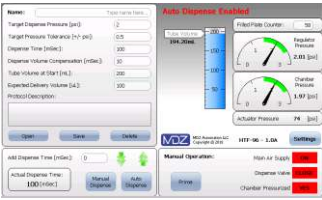
- Plate Fillings, Serial Dilutions
- Plate Replication, Plate-to-Plate transfers
- Develop complex protocols easily
- Transfers by row or by column
- Works with 96/384 microplates or tubes
- Affordable, reliable, and easy to use



Our newest model, Argenta, is a fully automated liquid handler in a very compact size. Thanks to its user friendly 10.1" color touch screen you can develop protocols in minutes.

From simple plate fillings to more complex protocols, Argenta is a budget-friendly solution for your lab!

High Throughput Dispenser



HTF Dispenser



- Autoclave
- Up to 5 dispenses per second
- 10uL to several mL
- Plate Stacker available

The HTF-96 is a high throughput Plate Dispenser System.

A variety of reagents can be accurately and repetitively dispensed.

Just fill the reservoir tubes with the desired reagent and start filling thousands of microplates!

Advanced Robotic Station

ProPipette

- Fixed or disposable tips, syringe pumps
- Gripper for plate and vial manipulation
- 2D or linear barcode readers
- Weigh stations for plates and vials
- GLP/GMP and 21 CFR part 11
- Integration with third party instruments

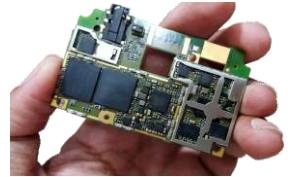


Our advanced robotic station, ProPipette, includes all the features as the Argenta model with a larger workspace to accommodate more microplates and accessories. The ProPipette also offers a wide range of options including, gripper for plate/vial manipulation, weigh stations, 2D/linear barcode readers and more. Simplicity, flexibility and reliability make the ProPipette the perfect instrument for your lab!

Robotics and Engineering

We offer custom robotics and engineering services for specific applications at low cost.

- Third-party products integration
- R&D and consulting services
- Articulated and SCARA Robots
- Machine Vision and Inspection
- Electronic Designs
- Weighing Stations
- Syringe Pumps
- Plate Washers
- Heated Reactions
- Fraction Collectors
- Solid Phase Extractions
- Private-labeled products
- Motion Controllers
- Prototyping and turnkey services



About Us

MDZ Automation LLC is an American company specialized in laboratory automation. We design and develop in USA high-quality laboratory instruments. We offer engineering services and fully-automated, user-friendly, and affordable liquid handlers and custom robotic stations.

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