Galatek

Liquid Handling Systems



PORTFOLIO INTRODUCTION

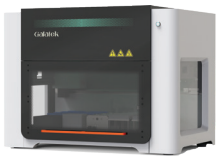
Modern drug discovery demands reproducibility and absolute confidence in the testing being conducted. As therapeutic modalities and their corresponding workflows shift from routine assay prep to highly complex protocols, manual pipetting has created an unacceptable bottleneck.

Galatek's liquid handling workstations eliminate this constraint by delivering smart, modular automation that can function seamlessly as standalone units or integrate as foundational modules within larger platforms and sprawling laboratory ecosystems. Up to two robotic arms can be configured to support parallel processing of plate handling and pipetting to fulfill a wide range of automation scenarios. With easy-to-use drag and drop software, the tiered portfolio accommodates a range of throughput needs, providing a clear path to scale.

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SYSTEMS OFFERED







	FocusMv			PrimeMv			TitanMv		
SPECIFICATIONS									
SBS Plate Positions	12			25			40		
Positioning Accuracy	0.1 mm			X-Y-Z positioning; 0.2 mm			X-Y-Z positioning; 0.2 mm		
Dimensions (mm)	800 x 785 x 775			1200 x 780 x 970			1600 x 780 x 970		
Weight (kg)	120			150			210		
KEY CAPABILITIES									
Pipetting Channels	8 fixed channels (or 1-2 independent channels)			4 independent channels			8 independent channels		
Pipetting Volume Range	1 – 1000 µl			1 – 1000 µl			1 – 1000 µl		
Pipetting Precision	**Tip Size**	**Pipetting Volume**	**Precision**	**Tip Size**	**Pipetting Volume**	**Precision**	**Tip Size**	**Pipetting Volume**	**Precision**
	10 µL	2 µL	5%	10 µL	2 µL	5%	50 µL	2 µL	5%
	50 µL	10 µL	1.5%	50 µL	10 µL	3%	50 µL	10 µL	3%
	200 µL	50 µL	0.5%	200 µL	50 µL	2%	200 µL	50 µL	2%
	100 µL	50 µL	0.5%	1000 µL	1000 µL	0.75%	1000 µL	1000 µL	0.75%
Spacing & Leveling	• Fixed/Independent • Liquid level detection			• Adjustable spacing • Liquid level detection			• Adjustable spacing • Liquid level detection		
Robotic Arms	Maximum 2 arms			Maximum 2 arms			Maximum 2 arms		
BEST SUITED FOR	Personalized & Compact • Low to medium throughput • Specialized modular assays • Space-constrained lab environments			Flexible & Configurable • Medium throughput • Variable volume applications • Dynamic array and mismatched labware mapping			Enterprise & Full-Featured • Ultra-high throughput • Complex multi-device ecosystem integrations • CRO scale		

Whether supporting early-stage molecular assays, complex sample preparation, or high-throughput distribution workflows, Galatek's liquid handling workstations are designed to adapt as research programs scale. Each system serves as a reliable, modular building block backed by Galatek's deep application expertise and integration support - ensuring that automation delivers not just raw throughput, but reproducible, high-quality data from day one.

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