



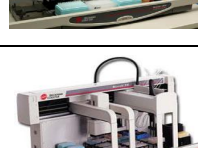







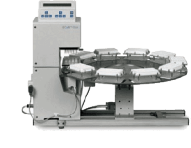










LIQUID HANDLING - Pipetting Systems															
Company Name	Product Name	Image	Microplate Formats			Liquid Handling Features				Plate Handling Features				Integratable Components	
			96	384	1536	No. of Channels	Disposable Tips	Fixed Tips	Precision %CV	Deck Capacity	Plate Storage	Storage Capacity	Plate Movement		
Apricot Designs	Personal Pipettor™ PP-550		Yes	Yes	No	96	Yes	Yes	<5% @ 1 µL	1	No	N/A	N/A	Open	
Beckman Coulter, Inc.	BioRAPTR™		Yes	Yes	Yes	8	No	Yes	7.50%	2	No	0	No	Top-loading and articulated robots	
Beckman Coulter, Inc.	PicoRAPTR™		Yes	Yes	Yes	8	No	Yes	15% @ 10nL	2	No	0	No	Top-loading and articulated robots	
Beckman Coulter, Inc.	Biomek® 2000		Yes	Yes	No	1 to 8	Yes	Yes	<5% @ 1 µL	8 to 12	Yes	188 *MP 94 *DWP	Yes	Open	
Beckman Coulter, Inc.	Biomek® 3000		Yes	Yes	Yes	1/8 96/384 pin	Yes	96/384 4 pin	<5% @ 1 µL	12	No	0	Yes	Open	
Beckman Coulter, Inc.	Biomek® FX		Yes	Yes	Yes	8/96/384	Yes	Yes	<5% @ 1 µL	12	No	0	Yes	Open	
Beckman Coulter, Inc.	Biomek® NX		Yes	Yes	Yes	8/96/384	Yes	Yes	<5% @ 1 µL	12	No	0	Yes	Open	

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			96	384	1536	No. of	Disposable	Fixed	Precision	Deck	Plate Storage	Storage	Plate	
						Channels			Tips					
Bio-Tek® Instruments, Inc.	Precision™		Yes	Yes	No	8 or 12	Yes	No	1.5% @ 100uL	6	N/A	N/A	N/A	N/A
Bio-Tek® Instruments, Inc.	Precision™ XS		Yes	Yes	No	8+1	Yes	No	1.5% @ 100uL	6	N/A	N/A	N/A	N/A
Caliper Life Sciences, Inc.	RapidPlate® 96/384 Pipettor		Yes	Yes	No	96	Yes	No	1-10µL < 5% 11-200µL < 2%	6	Yes	N/A	Robotic Arm	Open
Caliper Life Sciences, Inc.	SciClone ALH -HVH		Yes	Yes	Yes	96/384	Yes	Yes	1-5µL < 5% 5µL-200µL < 2%	20	Optional (with Autostack or Twister 2)	N/A	Robotic Arm	Open
Caliper Life Sciences, Inc.	SciClone ALH -LVH		Yes	Yes	Yes	384	Yes	Yes	.5 - 2µL < 3% 2µL-25µL < 5%	20	Optional (with Autostack or Twister 2)	N/A	Robotic Arm	Open
CyBio	CyBi® - Disk		Yes	Yes	Yes	96/384	Yes	No	1% @ 20uL	10	No	No	Yes	Open
CyBio	CyBi® -Vario		Yes	Yes	Yes	96/384	Yes	No	1% @ 1uL	5	Yes	25/50	Yes	Open

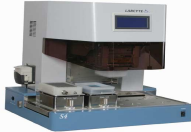






LIQUID HANDLING - Pipetting Systems

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						Channels	Tips	Tips	%CV					
CyBio	CyBi® -Well 384		Yes	Yes	Yes	384	Yes	No	1% @ 20uL	5	Yes	25/50	Yes	Open
CyBio	CyBi® -Well 96		Yes	Yes	Yes	96	Yes	No	1% @ 1uL	5	Yes	25/50	Yes	Open
CyBio, Inc.	Cybi™- Well		Yes	Yes	Yes	96 or 384	Yes	No	<2% @ 1 µL	4	Yes	50	Linear track	Open
Hamilton	MICROLAB® STAR		Yes	Yes	N/A	8/96	Yes	Yes	<6% @ 1 µL	35	N/A	N/A	Yes	Open
Hamilton	MICROLAB® STARlet		Yes	Yes	N/A	8	Yes	Yes	<6% @ 1 µL	25 Plates	N/A	N/A	Yes	Open
Hamilton	MICROLAB® STARplus		Yes	Yes	N/A	8/96	Yes	Yes	<5% @ 1 µL	35	N/A	N/A	Yes	Open
Hamilton	MICROLAB® 4000 Series		Yes	Yes	Yes	1 to 12	Yes	Yes	<2% @ 1 µL	18, 38	No	N/A	N/A	Open








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						Channels	Tips	Tips	%CV					
Hamilton	MICROLAB® AT plus		Yes	No	No	12	Yes	No	N/A	5	No	N/A	N/A	Open
Innovadyne Technologies, Inc.	Nanodrop™ I		Yes	Yes	Yes	8	No	Yes	1% @ 5uL	1	No	0	No	Top-loading and articulated robots
Innovadyne Technologies, Inc.	Nanodrop™ II		Yes	Yes	Yes	8	No	Yes	1% @ 5uL	2	No	0	No	Top-loading and articulated robots
Innovadyne Technologies, Inc.	Screenmaker96+8™		Yes	Yes	Yes	96/8	No	Yes	1% @ 5uL	5	No	0	No	Top-loading and articulated robots
Labcyte	BioCross		Yes	Yes	Yes	96/384	Yes	No	2% @ 1uL	8	Yes	350	Yes	Stackers
Labcyte	DeckPette		Yes	Yes	No	96/384	Yes	Yes	2% @ 1uL	3	No	No	No	No








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						Channels	Tips	Tips	%CV					
Labcyte	S4		Yes	Yes	Yes	96/384	Yes	Yes	% @ Small volume	3	No	No	No	N/A
Labcyte	SII		Yes	Yes	Yes	96/384	Yes	Yes	% @ Small volume	3	No	No	No	N/A
Matrix Technologies	SerialMate™		Yes	No	No	12	Yes	No	<2% @ 1 µL	2	No	N/A	N/A	Open
Perkin Elmer	Evolution™ P3		Yes	Yes	Yes	96/385	Yes	No	1% @ 5µL	12	No	0	No	Articulated robots and Stackers with diving boards
PerkinElmer Life & Analytical Sciences	MultiPROBE® II		Yes	Yes	No	4	Yes	Yes	<6% @ 1 µL	16, 24, 32	No	N/A	N/A	Open
Stratec Biomedical Systems AG	Vivace		Yes	Yes	No	4	Yes	Yes	<3% @ 5 µL	16	No	N/A	N/A	Open
Tecan	Genesis RMP		Yes	Yes	No	4 or 8	Yes	Yes	<7% @ 1 µL	12	Yes	24	RoMa, Robotic Arm	Open
Tecan	Genesis RSP 100, 150, 200		Yes	Yes	No	4 or 8	Yes	Yes	<7% @ 1 µL	33	No	N/A	N/A	Open


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Tecan	Genesis Workstation 100, 150, 200		Yes	Yes	Yes	4 or 8	Yes	Yes	<7% @ 1 µL	32	Yes	2571	RoMa, Robotic Arm	Open
Tecan	Miniprep 50/75		Yes	Yes	No	1, 8, 12	Yes	Yes	<7% @ 1 µL	12	No	N/A	N/A	Open
TekCel	Assay TekBench		Yes	Yes	No	96, 384	Yes	Yes	N/A	36	Yes	252	Flexible retrieval arm and hand	Open
The Automation Partnership	Fill-It		N/A	N/A	N/A	4 or 8	Yes	No	cv < 5% at 100ul cv < 2% at 400ul cv < 1.5% at 800ul	1	0	96 or 24 Cryotube racks	Yes	Yes
Titertek®	MAP-C		Yes	Yes	No	8 to 96	No	Yes	<.05% @ 50 µL	N/A	Yes	60	Linear Track	No
Titertek®	QuadFlex II		Yes	Yes	No	4 to 12	No	Yes	≤ 1% @ 5 µL	N/A	Yes	60	Moving Deck	No
Tomtec	Quadra3®		Yes	Yes	Yes	96, 384	Yes	Yes	2% @ 0.5µL	N/A	Yes	50	Indexing Stage	N/A

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						Channels			Tips					
Tomtec	Quadra96/384®, Model 230		Yes	Yes	Yes	96, 384	Yes	Yes	<3% @ 1 µL	3	No	N/A	Shuttle	Open
Tomtec	Quadra96/384®, Model 320		Yes	Yes	Yes	96, 384	Yes	Yes	<3% @ 1 µL	6	Yes	50	Shuttle	Open
Tomtec	Quadra9600®		Yes	Yes	Yes	96, 384	Yes	Yes	<3% @ 1 µL	10	Yes	96	Yes	Open
Tomtec	Quadra®Plus		Yes	Yes	Yes	96, 384	Yes	Yes	<3% @ 1 µL	8	Yes	50 - 100	Indexing Stage	Open
TTP LabTech	Mosquito™		Yes	Yes	Yes	8	Yes	No	<8% @ 50nL	5	No	No	No	Top-loading and articulated robots
Velocity 11	VPrep™ 384 Pipetting Station		N/A	Yes	Yes	384	Yes	No	3%	8 Plates	N/A	N/A	N/A	N/A
Velocity 11	VPrep™ 8 Pipetting Station		Yes	Yes	N/A	8	Yes	No	N/A	5 Plates	N/A	N/A	N/A	N/A

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						Channels	Tips	Tips	%CV					
Velocity 11	VPrep™ 96 Pipetting Station		Yes	Yes	Yes	96	Yes	No	2%	8 Plates	N/A	N/A	N/A	N/A