











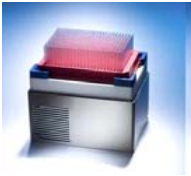







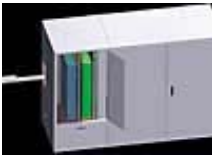












AUTOMATION - Robotic Arm Stackers and Plate Movement						
Company Name	Product Name	Image file name	Plate Movement	Plate Storage	Storage Capacity	
					Standard Microplate	Deep Well Plate
Beckman Coulter	ORCA Robot®		Robotic arm on a 1, 2 or 3 meter linear rail	Carousels available	Varies	Varies
Bio-Tek® Instruments, Inc.	BioStack™		Up stacking and down stacking	Magazine	30	N/A
Caliper Life Sciences, Inc.	Allegro™		Plate handling mechanism for the Allegro™	Storage and	Varies	Varies
Caliper Life Sciences, Inc.	Presto® AutoStack		Manipulator Arm	Automatic Plate Handling System	405/630	207/324
Caliper Life Sciences, Inc.	Twister® II		Articulated robotic arm	Magazine	120	50
CyBio	CyBio Lifter		Up stacking and down stacking	No	N/A	N/A

AUTOMATION - Robotic Arm Stackers and Plate Movement						
Company Name	Product Name	Image file name	Plate Movement	Plate Storage	Storage Capacity	
					Standard Microplate	Deep Well Plate
CyBio	CyBio Rotating arm		Microplate lifter	No	N/A	N/A
CyBio	CyBio Stackers		Up stacking and down stacking	Magazine	25/50	12/25
Hudson Control Group	PlateCrane™		Pick and place system for automated delivery	9 Stackers	240	72
Hudson Control Group	PlateCrane™ XL		Pick and place system for automated delivery	12 Stackers	330	99
Hudson Control Group	PlateCrane™ XT		Pick and place system for automated delivery	15 Stackers	420	126
Hudson Control Group	PlateSilo™		Automated plate and tip delivery for liquid handling systems.	2 Stackers	100	30

AUTOMATION - Robotic Arm Stackers and Plate Movement						
Company Name	Product Name	Image file name	Plate Movement	Plate Storage	Storage Capacity	
					Standard Microplate	Deep Well Plate
Kendro	Teleshake		Plate Shaking	1 position	1	1
Labcyte	MiniStack		Up stacking and down stacking	Magazine	50	25
PerkinElmer Life & Analytical Sciences	MiniTrak™		An in-line conveyor tabletop system for moving plates through various liquid handling modules. MiniTrak size can range from 4 to 6 modules in standard configurations.	Magazine	50	15
PerkinElmer Life & Analytical Sciences	PlateStak™		Automated Plate Handling System with a bidirectional indexer to enable uploading and downloading of most standard and deep well plates.	Magazine	50	15

AUTOMATION - Robotic Arm Stackers and Plate Movement						
Company Name	Product Name	Image file name	Plate Movement	Plate Storage	Storage Capacity	
					Standard Microplate	Deep Well Plate
PerkinElmer Life & Analytical Sciences	PlateTrak™		An in-line conveyor tabletop system for moving Microplates	Magazine	50	15
Tecan	Mol Bank		Automated storage retrieval using robotic manipulator arm.	Mass refrigerated storage device.	2571	1014
Tecan	Tecan Carousel		N/A	Ambient carousel	189	63
Tecan	TRAC™		Tecan Robotic Assay Composer: Highly flexible, configurable platform for assay automation.	N/A	N/A	N/A
TekCel	PlateServer Ultra High Capacity Storage TekBench		Exchange track for passing plates to other benches.	Storage system for microplates, half height, and deep well plates.	3840	1440

AUTOMATION - Robotic Arm Stackers and Plate Movement						
Company Name	Product Name	Image file name	Plate Movement	Plate Storage	Storage Capacity	
					Standard Microplate	Deep Well Plate
Thermo Electron Corporation	F3T Robot and Track System		F3 Robot on a 1, 2 or 3 meter linear track	Storage and incubation carousels available	200	100
Thermo Electron Corporation	Lidding/Delidding Station		Pneumatically driven lifter and securing jaws.	Storage and incubation carousels available	200	100
Thermo Electron Corporation	T265 Robot and Track System		A255 Robot on a 1, 2 or 3 meter linear track	Storage and incubation carousels available	120	60
Thermo Electron Corporation	T475 Robot and Track System		A465 Robot on a 1, 2 or 3 meter linear track	Storage and incubation carousels available	200	100
Titertek®	S60 Stacker		Generic microplate storage and handling device.	Removable Magazine	20, 30 or 60	7, 10, 20
Tomtec	MegaStor™		N/A	Can be programmed to load up to four sets of cassette stackers (25 or 50 each and dependent on plate type)	1675	850

AUTOMATION - Robotic Arm Stackers and Plate Movement						
Company Name	Product Name	Image file name	Plate Movement	Plate Storage	Storage Capacity	
					Standard Microplate	Deep Well Plate
Tomtec	QuadraStor™ Hotel		N/A	Input hotel, room temperature incubator	160	80
Tomtec	QuadraStor™ Incubator		N/A	Enclosed hotel with humidity, CO2, shaking, and temperature control	96	48
Velocity 11	BioCel™ Automated Workcells		R-theta-z robocentric system	N/A	400	200
Velocity 11	VStack™ Modular Plate Stacker		Up stacking and down stacking	N/A	50	25