

	Liberty Lite™	Liberty Blue™	Liberty Blue HT12™	Liberty PRIME™	Liberty PRO™
					
Cycle Time	15 minutes	4 minutes	4 minutes	2 minutes	15 – 45 minutes (3 L – 15 L)
Waste/Cycle	40 mL (0.1 mmol)	16 mL (0.1 mmol)	16 mL (0.1 mmol)	8.5 mL (0.1 mmol)	Variable
Scale Range	0.005 – 5 mmol	0.005 – 5 mmol	0.005 – 5 mmol	0.005 – 4 mmol	15 – 1000 mmol (3 L, 8 L, 15 L)
Peptide Positions	1	1	12	24	1
Amino Acid Positions	20	27	27	27	15
Other Positions	4	4	4	4 (upgrade to 5 available)	4
Fluid Delivery	Flex-Add™: Amino Acids & Activators Timed Delivery: Wash & Deprotection	Flex-Add: Amino Acids & Activators Timed Delivery: Wash & Deprotection	Flex-Add: Amino Acids & Activators Timed Delivery: Wash & Deprotection	Flex-Add: Amino Acids Pre-Calibrated Pumps: Wash, Deprotection & Oxyma Pure	Positive Displacement Pump, Full Bottle Add: Amino Acids Positive Displacement Pump, 0.05 – 10 L: Wash, Deprotection & Activators (2 positions)
Dimensions	20" W x 18" D x 30" H (51 cm x 46 cm x 76 cm)	20" W x 18" D x 30" H (51 cm x 46 cm x 76 cm)	27" W x 18" D x 30" H (69 cm x 46 cm x 76 cm)	42" W x 18" D x 30" H (107 cm x 46 cm x 76 cm)	65" W x 40" D x 70" H (165 cm x 102 cm x 178 cm)
Upgrades	Upgrade to the Liberty Blue	<ul style="list-style-type: none"> HT12 HT24 	<ul style="list-style-type: none"> HT24 	GMP Documentation	GMP Documentation
Accessories	Razor Cleavage System	<ul style="list-style-type: none"> Integrated Camera, Razor Cleavage System Flex-Add Large Scale 	<ul style="list-style-type: none"> Integrated Camera Razor Cleavage System Flex-Add Large Scale 	<ul style="list-style-type: none"> Integrated Camera Razor Cleavage System 	<ul style="list-style-type: none"> Vessel head holder 1L bottle cradles

MultiPep Series

MultiPep 1™



MultiPep 2™



Scale Range	0.001 - 0.3 mmol	0.001 - 0.5 mmol
Synthesis Formats:		
Well Plates	1 x 96 well plates	4 x 96 well plates
Mini-columns	24/48 mini columns (250, 500 µL)	24/48 mini columns (250, 500 µL)
Columns	8 columns (2,5,10 mL)	48 columns (2, 5, 10, 20 mL) 72 columns (2, 5, 10 mL)
Micro Peptide Arrays: SPOT Synthesis on Cellulose Membranes	Up to 1200 peptides in parallel on 2 sheets	Up to 2400 peptides in parallel on 4 sheets
Copies of Arrays: CelluSpots	Many copies of arrays up to 768 peptides each with our Slide Spotting Robot (See specs below)	Many copies of arrays up to 768 peptides each with our Slide Spotting Robot (See specs below)
Amino Acid Positions	26 standard (up to 48)	31 standard (up to 48)
Other Positions	Up to 15	Up to 20
Fluid Delivery	Digital syringe pump	Digital syringe pump
Dimensions	22.8" W x 20.9" D x 28.3" H (58 cm x 53 cm x 72 cm)	35.0" W x 25.6" D x 31.1" H (89 cm x 65 cm x 79 cm)
Accessories	· CleavagePro · Slide Spotting Robot – CelluSpots	· CleavagePro · Slide Spotting Robot – CelluSpots

Slide Spotting Robot – CelluSpots

Used in conjunction with the MultiPep 1 and 2 systems for making copies of peptide arrays on slides (CelluSpots).



Work Area	2 x Microtiter plates (96 or 384 well)
Slide Area	26 x 75 mm slides with freely defined grids
Total Slides	29 slides for target
Droplet size	As low as 100 nL



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