

Liberty Lite™ 2.0



Liberty Blue™ 2.0



Liberty PRIME™ 2.0



Cycle Time (at 0.1mmol)	12 minutes	4 minutes	2.5 minutes
Waste/Cycle (at 0.1mmol)	32 mL	16 mL	10 mL
Scale Range	0.005 - 5 mmol	0.005 - 5 mmol	0.005 - 5 mmol
Headspace Flushing	No	Yes	Yes
Amino Acid Positions	27	27	30
External Reagent Positions	4	4	5
RV Camera	No	Yes	Yes
LED Visual Feedback	No	Yes	Yes
High-Throughput Options	HT4	HT4, HT12	HT4, HT12, HT24
Optional Accessories	N/A	N/A	Full cGMP Compliance Package
Dimensions	22.5" W x 26.5" D x 28.5" H (57.2 cm x 67.4 cm x 72.4 cm)	22.5" W x 26.5" D x 28.5" H (57.2 cm x 67.4 cm x 72.4 cm)	43" W x 26.5" D x 28.5" H (109.3 cm x 67.4 cm x 72.4 cm)

Liberty PRO™



Easily scale up peptides optimized on any Liberty 2.0 series system. The Liberty PRO allows for fully automated, production scale, microwave peptide synthesis under cGMP using a 3, 8, or 15 liter reaction vessels. Batch crude peptides up to 1 kg can be synthesized with a typical cycle time of 15 – 45 min per amino acid.

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