



Flexible peptide synthesis for small-scale and high-throughput workflows

Biotage offers single and multi-channel peptide synthesizers for small-scale and high-throughput synthesis in drug discovery and research labs.

Our single-channel systems provide efficient, automated synthesis for low-volume needs, while our multi-channel systems offer powerful automation and advanced software for high-throughput screening and large peptide libraries, maximizing productivity.

Beyond synthesis, we help configure complete workflows, including purification and evaporation, to fit your needs.



Biotage peptide synthesizers



Biotage® Initiator + Alstra™



Syro I



Syro II

Level of automation	Full	Full	Full
Microwave heating	●		
Heating block		●	●
Room temperature	●	●	●
Max. number of peptides at room temp.*	1	96	576
Max. number of peptides with heating*	1	24	192
Reactor vial sizes (ml)	5, 10 and 30	0.4, 2, 5, 10 and 20	0.4, 2, 5, 10 and 20
Scale per reactor vial (mmol)**	0.005-2.00	0.001-0.60	0.001-0.60
Activation method	In situ and pre-activation	In situ and pre-activation	In situ and pre-activation
Amino acid vessels***	32 x 30 ml (standard)	40 x 50 ml (standard)	40 x 50 ml (standard)
Reagent bottles	5	5	5
External bottle positions	3	1	1
Mixing	Oscillation	Vortex	Vortex
Inert gas option	● (Option)	●	●
Microwave assisted organic synthesis (MAOS)	●		
UV monitoring option	●		

* Dependent on reactor block configuration.
** Dependent on reactor vial size, resin type and resin loading.
*** Custom amino acid rack configurations are available, including 96-position deep well plate. Please enquire for more information.