



### Reduce coupling costs

The use of digital syringe pumps and minimized flow paths lead to low amino acid and reagent consumption. This reduces coupling and running costs compared to other systems.

### Proven performance

With more than 5000 discovery chemistry systems installed worldwide, Biotage's automated systems increase productivity and improve success. The SYRO peptide synthesis instruments have a proven history of performance and reliability.

## Technical Specifications

### SYRO I Peptide Synthesizer

Single robotic arm

2-digital syringe pumps, 5 ml each

Vortex Mixer

1 x type U-reactor block which can accept 2, 5 and 10 ml reactors

Choice of either: 24 or 48 reactors

Vacuum Pump

Amino Acid Rack 40 x 50 ml Falcon Tubes

Reagent Bottle Rack 2 x 500 ml, 3 x 200 ml

Waste Bottle 1 x 10 liter Nalgene bottle

Includes Dell Desktop PC, Flat Panel Monitor, Printer, Syro XP Software

Dimensions (W x H x D) and Weight: 56 cm x 91 cm x 70 cm, 60 kg

### SYRO II Peptide Synthesizer

Dual robotic arm with a triple pipetting comb

4-digital syringe pumps\*

Vortex Mixer for two reactor blocks

2 x type U-reactor block which can accept 2, 5 and 10 ml reactors

Choice of either: 2 x (24 or 48 reactors)

Vacuum Pump

Amino Acid Rack 40 x 50 ml Falcon Tubes

Reagent Bottle Rack 3 x 500 ml, 4 x 200 ml

Waste Bottle 1 x 10 liter Nalgene bottle

Includes Dell Desktop PC, Flat Panel Monitor, Printer, Syro XP Software

\*1-digital syringe pump, 5 ml for AA addition, 3-digital syringe pumps, 10 ml for solvent wash and reagent addition

Dimensions (W x H x D) and Weight: 82 cm x 91 cm x 70 cm, 80 kg

### Optional Accessories

Inert gas option for reagent containers and reactors

Disposable polypropylene reactors

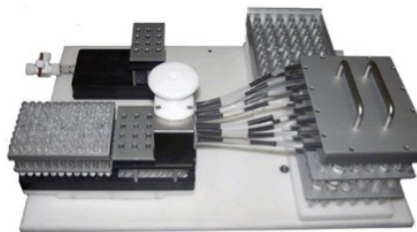
Cleavage and Transfer Workstation

Vortex mixer for cleavage unit

24 x reactor block for 2, 5 and 10 ml reactors

48 x reactor block for 2 ml reactors

Tip synthesis module for applications that require a large number of peptides in small quantities 1-5  $\mu$ mol



Optional Cleavage and Transfer Workstation

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