

Chemistry

- Fmoc or t-Boc
- In situ or pre-activation
- Green chemistries
- Coupling reagents HBTU, HCTU, HATU, TBTU, PyBOP, DIC, COMU, etc
- Use any resins: polystyrene or PEG
- Use any protocols
- Synthesize any length peptides



Easy access to reactor for reagent addition or sampling



Heated reactors

Instrument Specifications

Scale	0.05 – 20.0 mmoles
Chemistry	Fmoc or t-Boc
Activation method	Pre-activation or in situ, user selectable. HATU, HBTU, HCTU, DIC, PyBOP, etc
Reaction vessel sizes	10 mL, 40 mL, 125 mL, 250 mL, 500 mL
Reagent/solvent bottles	3 as standard, range from 250 mL to 19 litres, 4th optional
Reactor heating	Ambient to + 90° C
Mixing system	Over centre mixing with variable speed and amplitude, nitrogen bubbling
Inert atmosphere	100% throughout the system
Fluid measurement	Timed delivery
Power	Variable range from 240V/50Hz or 100V/60Hz
Logfile	Printable logfile for each synthesis run
Dimensions	Width 42 cm (17"), depth 31 cm (12"), height 60 cm (24")

Technical Support

Activotec has unsurpassed experience in the synthesis and automation processes for peptides. Activotec is totally committed to supporting its customers worldwide.

- Fast reliable service engineers and application chemists.
- Service contract options are available to suit your requirements.
- Peptide chemists are available to help with instrument application and peptide chemistry if required.
- Training is provided on site or in our facility.

Headquartered in Cambridge, UK Activotec is a producer of state-of-the-art synthesis technology providing chemists with useful and reliable peptide synthesis products.

- **Peptide synthesizers, amino acids, resins and reagents.**

If you would like further details of the Activo-Darwin synthesizer or any of Activotec's range of synthesis instruments or chemicals please contact our office below.



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