



Activotec

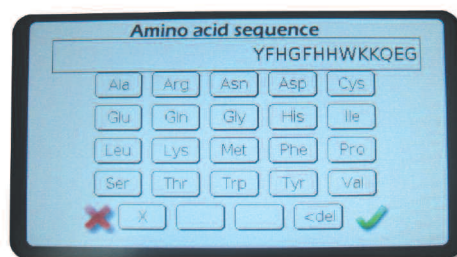
ACTIVO-P14 Peptide Synthesizer

New!

The Activo-P14 Peptide Synthesizer is an economical semi-automated instrument for the synthesis of very high quality peptides.

Key Features

- High quality peptides
- Any scale from 0.05 mmole to 5.0 mmoles
- Easy to use; use existing or define your own protocols
- Automates the resin washing and deprotection steps of synthesis
- Performs any Fmoc or t-Boc chemistries
- Safe to use, instrument is totally enclosed
- Disposable reactors
- Use commercially available resins and reagents



Easy to use touch screen interface



Solvent storage container

High Quality Peptide

- Inert atmosphere throughout
- Precise and fast solvent delivery and washing
- Efficient inversion mixing
- Bottom filtration from disposable reactors

Ease of Use

- Very easy to use touch screen display
- Enter the sequence, fill in quantity and resin and press run
- Software generated worksheet tells the user what to prepare
- Free choice of chemistry, present and future
- Disposable reactors
- Logfile of each synthesis
- Easy cleave system direct from the disposable reactor

Chemistry

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



Easy access to reactor for reagent addition or sampling



Disposable reactors

Instrument Specifications

Scale	0.05 – 5.0 mmoles
Chemistry	Fmoc or t-Boc
Activation method	Pre-activation or in situ, user selectable. HBTU, HCTU, DIC, PyBOP, etc
Reaction vessel sizes	10 mL, 50 mL, 150 mL
Reagent/solvent bottles	3, range from 250 mL to 19 litres
Mixing system	Over centre mixing with variable speed and amplitude
Inert atmosphere	100% throughout the system
Fluid measurement	Timed delivery
Power	240V/50Hz or 120V/60Hz
Logfile	Printable logfile for each synthesis run
Dimensions	Width 33 cm (13"), depth 27 cm (11"), height 33 cm (13") + solvent storage unit

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.

Activotec is a supplier of state-of-the-art synthesis technology providing chemists with valuable research and development tools.

If you would like further details of the Activo-P14 synthesizer or any of Activotec's range of synthesis instruments or services please contact us below



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