

# Discover Bio

Microwave Peptide Synthesis

CEM's best-selling line of microwave peptide synthesizers now includes the new Discover Bio System, a fully-featured manual microwave peptide synthesizer that offers the most affordable option for adding microwave technology to your peptide synthesis laboratory.

Discover Bio is a compact, single-mode microwave system with a liquid handling module for the transfer of amino acids, reagents and solvents. Temperature is controlled using a fiber optic probe for the most accurate measurement.



## Discover Bio System

### Manual Microwave Peptide Synthesizer

- Greater purity peptides than conventional synthesis
- Make peptides faster than ever with cycle times under 15 minutes
- Replaceable frit provides low consumable cost
- Flexible system can be used for both peptide & small molecule organic synthesis
- Upgradable to fully automated Liberty Blue system
- License included allowing the use of microwave energy for both the coupling & deprotection steps



- Integrated washing and reagent delivery system
- Two reaction vessels cover wide scale range (0.05 to 1 mmol)
- Fiber optic probe for the most accurate temperature measurement
- Inert atmosphere provides cleaner chemistry
- Nitrogen bubbling for effective agitation
- Vessel's integrated spray head allows efficient washing

### Best-in-Class Applications Assistance & Technical Support

Should you have need of service or applications support, CEM maintains a fully-trained staff of chemists and service technicians to ensure that your questions are answered in a timely manner. We offer technical service support 24/7 and our peptide chemists are just a phone call or e-mail away. That's why prestigious research facilities, universities, and major pharmaceutical and biotech companies around the world turn to CEM for their peptide synthesis needs.

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