



CS136H

RESEARCH SCALE PEPTIDE SYNTHESIZERS

- Total temperature control during synthesis
- Controlled heating for couplings, deprotections AND washes
- Complete synthesis of a 48 mer peptide in less than 24 hours
- 20 amino acid reservoirs
- Reaction vessel size from 10 - 75 ml
- Ideal for research and lab scale production
- Heating 100% safe water circulation

SPECIFICATIONS

PART	DESCRIPTION
Jacketed reaction vessel	One
Reaction vessel size	10 ml, 20 ml, 50 ml, 75 ml
Synthesis scale	0.1 to 1.0 mmol
Metering vessel size	2 x 30 ml
Amino acid reservoir	20 x 100 ml
Unattended couplings	Unlimited
Solvent bottles	6
Solvent bottle size	1 x 2 L, 3 x 1 L, 2 x 0.25 L
Waste carboy	1 x 10 L
Solvent transfer	Inert nitrogen
Reaction vessel agitation	180° inversion and nitrogen bubbling
Chemistry	tBoc, Fmoc or both

Activation	HBTU/DIEA or HOBT/DIC or any other
Product contact	FDA compliant glass, Teflon and polyethylene
Heating temperature	Ambient to 80°C
Cabinet construction	All chemically inert, self-contained, polypropylene
Dimensions D x W x H	23 x 33 x 30 (in) 59 x 84 x 76 (cm)
Weight	75 lbs / 34 kgs
Optional	<ul style="list-style-type: none"> • Additional solvent input • Additional AA input • Additional functional RV • Feedback in-line UV monitoring