

PRODUCT LIST

R&D Peptide Synthesiser

Type	Channels	Reactor/mL	Scale/mmol	Resin/g	TCM
319 Pro	1	25 / 50	0.1~0.6	0.1~1	Air or Water
		50 / 100 / 250	0.2~3	0.2~5	Air or Water
286 Pro	3 or 6	25 / 50	0.1~0.6	0.1~1	Air or Water
		50 / 100 / 250	0.2~3	0.2~5	Air or Water
386 Pro	6 or 12	25 / 50	0.01~0.6	0.1~1	Air or Water
386 MW	1 or 12	30 / 120	0.1~1.5	0.1~2	MicroWave

R&D Peptide Cleavage Equipment

Type	Channels	Reactor/mL	Scale/mmol	Resin/g	TCM
431	6	10 ~ 500	0.1~10	0.2~20	N/A

Pilot & Production Scale Peptide Synthesizer

Type	Channels	Reactor/L	Scale/mmol	Resin/g	TCU
286 Max	2	0.5/1/2	2~25	2~40	Water
486 Pro	1	0.5/1/2	2~25	2~40	Water
		1/2/5	4~60	4~100	Water
586 Pro	1	2/5/10	8~120	8~200	Water
		10/20/30	20~360	20~600	Water

Industrial-Grade Peptide Cleavage System

Type	Channels	Reactor/L	Scale/mol	Resin/kg	TCM
686	1	50	0.3~0.6	0.5~1	Water/Ethylene Glycol
		100	0.6~1.2	1~2	
		300	1.8~3.6	3~6	
		500	3.6~7.2	6~12	

Industrial-Grade Peptide Synthesizer System

Type	Channels	Reactor/L	Scale/mol	Resin/kg	TCM
DL-PC	1	20~250L	1.8~3.6	0.2~6	Water/Ethylene Glycol

*Tetras Multiple Peptide Synthesizer

Type	Channels	Reactor/mL	Scale/mmol	Resin/g	TCU
Tetras	106	7/20/60	0.01~1.5	0.01~3	Warm Wind

Note: TCM means Temperature Control Medium, TCU means Temperature Control Unit

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386 Pro Asynchronous Micro-scale Peptide Synthesizer



Type	Channels	Reactor (mL)	Amino Acid Positions	Activator Positions	Solvent Positions	Dimensions (cm)
386 Pro	6 or 12	25/50	28	4	4~7	82×62×92

386 Pro Asynchronous 12-Channel Micro-scale Peptide Synthesizer. This system utilizes quantitative dispensing for both Amino Acids and Activation Reagents. It supports independent configuration of activation methods and deprotection methods per amino acid, allows customized coupling and deprotection times per residue, enables pre-activation or synchronous activation modes, and permits real-time addition/retrieval of peptide resin in each channel. Multi-user operation allows different operators to log in independently, each executing distinct synthesis protocols for separate peptide sequences. It is the optimal solution for (H)-throughput complex processes and micro-scale synthesis.

Technical Parameters

- Reactor Volume: 10~50mL
- Scale: 0.01~0.6mmol
- Temperature Control: Warm Wind
- Mixing: Vortex oscillation and Nitrogen bubbling
- Amino Acid Positions: 28
- Amino Acid Bottles: 120/250mL
- Amino Acid Handling: Precision dispensing (accuracy: 0.1mL)
- Activation Reagents: 4, quantitative extraction (accuracy: 0.1mL)
- Other Solvents: 4~6 , quantitative extraction (accuracy: 0.1mL)
- Solvent Tanks: 0.5L, 1L, 2L, 5L, 10L
- Power Supply: 110/220V, 50/60Hz
- Dimensions: 82cm (W) × 62cm (D) × 92cm (H)
- Weight: 75kg

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