

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

PROFESSIONAL PEPTIDE SOLUTION PROVIDER

586 Pro Larger-Scale Peptide Synthesizer



Type	Channels	Reactor (L)	Amino Acid Positions	Amino Acid Bottles(L)	Solvent Positions	Cleaning Fluid Positions	Dimensions (cm)
586 Pro	1	2/10	4	2	5	2	92×85×165
		5/30	2	5			

586 Pro Production-scale Automated Peptide Synthesizer. This system supports pre-activation and synchronous activation modes, performs quantitative amino acid weighing and dissolution with complete transfer, and enables precision extraction of activation reagents (accuracy: 5mL). Users can freely interchange reactors of varying specifications. Direct recycling of cleaning solvents achieves 40% savings, making it an automated solution for production-scale peptide synthesis.

Technical Parameters

- Reactor: 2~30L
- Scale: 8~360 mmol
- Mixing: 180 degree"Up-Down" , mechanical mixing
- Temperature Control: Water bath
- Amino Acid Positions: 4
- Amino Acid Bottles: 2L or 5L
- Solvent Positions: 5
- Cleaning Positions : 2
- Solvent Tanks: 50L, 100L, 200L
- Stirring Speed: 0~30 rpm
- Power Supply: 110/220V, 50/60Hz
- Dimensions: 92cm (W) × 85cm (D) × 165cm (H)
- Weight: 330kg