

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

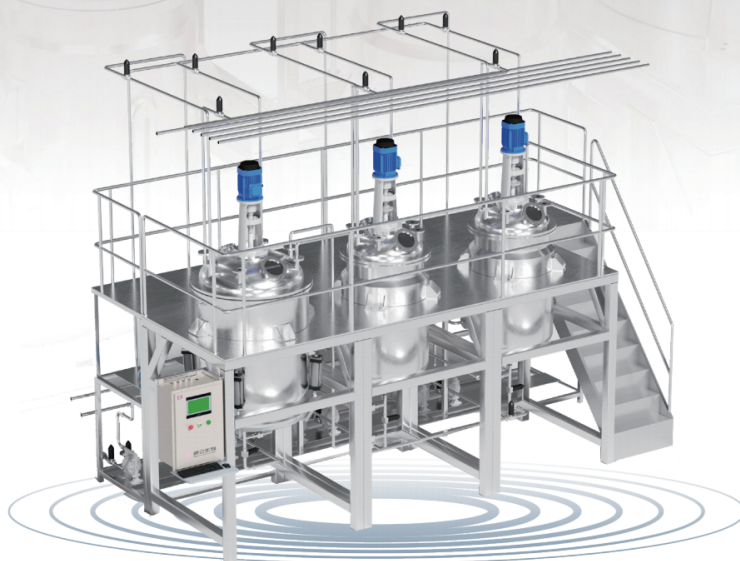
*Tetras Multiple Peptide Synthesizer

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

686 Industrial Grade Peptide Synthesizer



Type	Channels	Reactor (L)	Solvent Positions	Deprotection Solvent Tank	Amino Acid Activation Tank
686	1	20/50	≤9	1	1
		50/100			
		150/300			
		300/500			

Dilun Industrial Customizable Peptide Synthesizer. Featuring dual-jacketed temperature-controlled reactors with viewports—including synthesis, amino acid activation, and piperidine buffering vessels—this system provides real-time monitoring and alarm functions for pressure, internal solvent temperature, and stirring speed. All solvents undergo quantitative transfer via metering pumps, with vessel temperature control ranging from -20°C to 50°C.

Technical Parameters

- Reactor Vessel: 20~2000L, 304 stainless steel lined with 316L stainless steel
- Synthesis Scale: ≥0.3 mol
- Solvent Positions: ≤9
- Mixing: Mechanical stirring
- Amino Acid Activation Vessel: 304 stainless steel lined with 316L stainless steel
- Piperidine Buffer Vessel: 304 stainless steel lined with 316L stainless steel
- Explosion-Proof Rating: Exia IIC T4 GB
- Power Supply: 220/380V

PROFESSIONAL PEPTIDE SOLUTION PROVIDER