






Taylor Flow Chemical Reactor Models | LCTR MINI, LAB, TERA, PETA


Reactor specifications can be customized or scaled up to tailor the exact needs of our clients. Please contact us to discuss how our Taylor Flow Reactor can fit into your requirements or enhance your current production process.

LCTR Models	Mini-V	Lab II-V	Lab II-H	Tera 3100	Tera 3300
Equipment Photo					
Working Volume	20 ml	100 ml	200 ml	1 L	1 L
Maximum Agitation Speed	Generally 1500 rpm / Customization Up to 5000 rpm			Generally 1500 rpm / Customized Up to 3000 rpm	
Permissible Operation Temperature	Generally up to 90°C / Customization up to 600°C				
Material	SUS316 / Teflon Coating / Hastelloy-C, Inconel, etc				
Dimension L/W/H (mm)	274 x 525 x 617	500 x 500 x 1178	1102 x 450 x 574	1470 x 700 x 1157	1400 x 700 x 1150
Weight (kg)	40 kg	85 kg	120 kg	450 kg	650 kg
Suitable For	Pharmaceutical Research, QD, High Value Materials R&D	Universally Used for Most Research & Development Projects for New Process, and Optimization of Manufacturing Process		Secondary Battery Development Projects (Smallest Model Offered with PH Control Function)	



Taylor Flow Chemical Reactor Models | LCTR PETA, EXA

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LCTR Models	LCTR Peta			LCTR Exa		
Equipment Photo						
Working Volume	5 L	10 L	50 L	100 L	500 L	1000 L
Maximum Agitation Speed	1500 rpm		1200 rpm	300 rpm	250 rpm	250 rpm
Permissible Operation Temperature	Up to 90°C			Up to 90°C		
Material	SUS316 / Teflon Coating / Hastelloy-C, Inconel, etc					
Dimension L/W/H (mm)	1760 x 500 x 851	2330 x 700 x 1200	3400 x 1300 x 1600	5800 x 2300 x 1850	6500 x 2500 x 2000	8500 x 3000 x 2300
Weight (kg)	600 kg	1200 kg	3000 kg	5000kg	15000kg	25000kg
Suitable For	Pilot-scale Production, For Small Quantity Batch Productions			Mass Produced Chemical Reaction, Scale Up process from Successful Laboratory R&D Projects		