

Tesla-Valve Micromixers

Technical Data

Name	Tesla-Valve Micromixers 350-200	Tesla-Valve Micromixers 650×350	Tesla-Valve Micromixers 1200×650
Mixing principles	Tesla Valve	Tesla Valve	Tesla Valve
Size (L x B x H)	60×52×50	60×52×50	60×52×50
Connectors (Inlet/Outlet)	1/8" / 1/8"	1/8" / 1/8"	1/8" / 1/8"
Material	316L Ta TA2	316L Ta TA2	316L Ta TA2
Standard mixing channels (µm)	350×200	650×350	1200×650
Options	Other materials available upon request		

Operating Conditions

Name	Tesla-Valve Micromixers 350-200	Tesla-Valve Micromixers 650×350	Tesla-Valve Micromixers 1200×650
Temperature(°C)	-20 ~ 150 °C	-20 ~ 150 °C	-20 ~ 150 °C
Pressure stability (bar)	20	25	30
Flowrate (mL/min)	20 ~90	60 ~ 120	90~150
Residence time (ms)	50	70	80
Inner volume (µL)	1.8	3.6	7.2
Max Viscosity (mPa·s)	10	10	10