

Low Volume Static Mixers

Feature

- Low volume can shorten analysis time.
- The special internal structure delivers excellent mixing efficiency and sharp peaks.
- Gradient accuracy achieves high reproducibility.
- Improves reaction efficiency of post-column derivatization.
- Mixer cartridges can be changed depending on the flow volume.

Specifications

- Max. Operating Pressure:
 - 34.3 MPa for high pressure,
 - 24.5 MPa for Non-metal
- Wetted Flow Path Materials:
 - SUS 316, PEEK for high pressure,
 - PEEK for non-metal

Cartridge Volume	Recommend Flow Rate Range
5 µL	~ 5 µL/min
10 µL	5 ~ 10 µL/min
25 µL	10 ~ 20 µL/min
50 µL	20 ~ 150 µL/min
150 µL	150 ~ 500 µL/min
250 µL	500 µL/min ~ 1.0 mL/min

Note: The flow rate range is case of using high pressure gradient analysis.

Micro Static Mixers



Micro Static Mixer



Static Mixer for High Pressure

Model	Detail	Cartridge Volume	Cat.No.
SM1-000.5A	High Pressure, 1 Line	0.5 µL	6010-93204
SM1-002A	High Pressure, 1 Line	2.0 µL	6010-93200
SM1-005A	High Pressure, 1 Line	5.0 µL	6010-93201
SM1-010A	High Pressure, 1 Line	10.0 µL	6010-93202
SM1-025A	High Pressure, 1 Line	25.0 µL	6010-93203
SM2-000.5A	High Pressure, 2 Lines	0.5 µL	6010-93224
SM2-002A	High Pressure, 2 Lines	2.0 µL	6010-93220
SM2-005A	High Pressure, 2 Lines	5.0 µL	6010-93221
SM2-010A	High Pressure, 2 Lines	10.0 µL	6010-93222
SM2-025A	High Pressure, 2 Lines	25.0 µL	6010-93223
RMC-000.5A	High Pressure, Replacement Cartridge	0.5 µL	6010-93214
RMC-002A	High Pressure, Replacement Cartridge	2.0 µL	6010-93210
RMC-005A	High Pressure, Replacement Cartridge	5.0 µL	6010-93211
RMC-010A	High Pressure, Replacement Cartridge	10.0 µL	6010-93212
RMC-025A	High Pressure, Replacement Cartridge	25.0 µL	6010-93213
SM1-000.5AP	Non-metal, 1 Line	0.5 µL	6010-93304
SM1-002AP	Non-metal, 1 Line	2.0 µL	6010-93300
SM1-005AP	Non-metal, 1 Line	5.0 µL	6010-93301
SM1-010AP	Non-metal, 1 Line	10.0 µL	6010-93302
SM1-025AP	Non-metal, 1 Line	25.0 µL	6010-93303
SM2-000.5AP	Non-metal, 2 Lines	0.5 µL	6010-93324
SM2-002AP	Non-metal, 2 Lines	2.0 µL	6010-93320
SM2-005AP	Non-metal, 2 Lines	5.0 µL	6010-93321
SM2-010AP	Non-metal, 2 Lines	10.0 µL	6010-93322
SM2-025AP	Non-metal, 2 Lines	25.0 µL	6010-93323
RMC-000.5AP	Non-metal, Replacement Cartridge	0.5 µL	6010-93314
RMC-002AP	Non-metal, Replacement Cartridge	2.0 µL	6010-93310
RMC-005AP	Non-metal, Replacement Cartridge	5.0 µL	6010-93311
RMC-010AP	Non-metal, Replacement Cartridge	10.0 µL	6010-93312
RMC-025AP	Non-metal, Replacement Cartridge	25.0 µL	6010-93313

Note: Please contact for 3 ways mixer.

Static Mixers



Non-metal Static Mixer

Model	Detail	Cartridge Volume	Cat.No.
SM1-05A	High Pressure, 1 Line	50 µL	6010-93057
SM1-15A	High Pressure, 1 Line	150 µL	6010-93058
SM1-25A	High Pressure, 1 Line	250 µL	6010-93059
SM2-05A	High Pressure, 2 Lines	50 µL	6010-93055
SM2-15A	High Pressure, 2 Lines	150 µL	6010-93051
SM2-25A	High Pressure, 2 Lines	250 µL	6010-93052
RMC-05A	High Pressure, Replacement Cartridge	50 µL	6010-93063
RMC-15A	High Pressure, Replacement Cartridge	150 µL	6010-93061
RMC-25A	High Pressure, Replacement Cartridge	250 µL	6010-93062
SM1-05AP	Non-metal, 1 Line	50 µL	6010-93077
SM1-15AP	Non-metal, 1 Line	150 µL	6010-93078
SM1-25AP	Non-metal, 1 Line	250 µL	6010-93079
SM2-05AP	Non-metal, 2 Lines	50 µL	6010-93071
SM2-15AP	Non-metal, 2 Lines	150 µL	6010-93072
SM2-25AP	Non-metal, 2 Lines	250 µL	6010-93073
RMC-05AP	Non-metal, Replacement Cartridge	50 µL	6010-93065
RMC-15AP	Non-metal, Replacement Cartridge	150 µL	6010-93066
RMC-25AP	Non-metal, Replacement Cartridge	250 µL	6010-93067

Note: Please contact for 3 ways mixer.