

# Split-and-Recombine Micromixers

## Technical Data

<b>Name</b>	Split-and-Recombine Micromixers R300	Split-and-Recombine Micromixers R600	Split-and-Recombine Micromixers R1200
<b>Mixing principles</b>	Split-Recom-bine	Split-Recom-bine	Split-Recom-bine
<b>Size (L x B x H)</b>	60×45×30	60×45×30	60×45×30
<b>Connectors (Inlet/Outlet)</b>	1/8" / 1/8"	1/8" / 1/8"	1/8" / 1/8"
<b>Material</b>	316L PVDF Ta TA2	316L PVDF Ta TA2	316L PVDF Ta TA2
<b>Standard mixing channels (µm)</b>	300×300	600×600	1200×1200
<b>Options</b>	Other materials available upon request		

## Operating Conditions

<b>Name</b>	Split-and-Recombine Micromixers R300	Split-and-Recombine Micromixers R600	Split-and-Recombine Micromixers R1200
<b>Temperature(°C)</b>	-20 ~ 150 °C	-20 ~ 150 °C	-20 ~ 150 °C
<b>Pressure stability (bar)</b>	20	25	35
<b>Flowrate (mL/min)</b>	20 ~ 60	50 ~ 90	60 ~ 120
<b>Residence time (ms)</b>	50	65	70
<b>Inner volume (µL)</b>	3.7	7.2	14.5
<b>Max Viscosity (mPa·s)</b>	10	10	10