

CHEMINDIA MICRO REACTOR

Model: CMR-II

for Continuous Flow Reactions

Micro Reactors –Stainless Steel



Principle of Mixing	: Split And Recombine (SAR) Principle (Ω and Y-Y Combinations)
No. of Reactants	: 2 or 3 Reactants
Phases	: Liquid -- Liquid; Liquid – Gas
Applications	: Mixing of miscible liquids or creating dispersion of immiscible fluids, oils, emulsions
Material Of Construction	: SS316L
Maximum Pressure	: 10,000 psi
Internal Volume	: 1.10 ml
Maximum Flow rate	: 10 ml/ min in each Inlet
Maximum Operating flow volume	: 1.80 liter /hour
Temperature Range	: - 40 °c to 300°c
Heating / Cooling method	: Either by installing in CHEMINDIA's Micro Reaction Chamber or by dipping in suitable thermostatic bath or by connecting to thermostatic circulator
Inlet & Outlet tubing	: Either 1/8" or 1/16" tube connectors

*** Excellent and Effective Heat & Mass Transfer for better yields and purity

*** Easy to open & clean the blockages in flow paths.