

Static mixer are consists of perforated plates which are connected by alternately crucifixion which cause fully three-dimensional mixing.

Function:

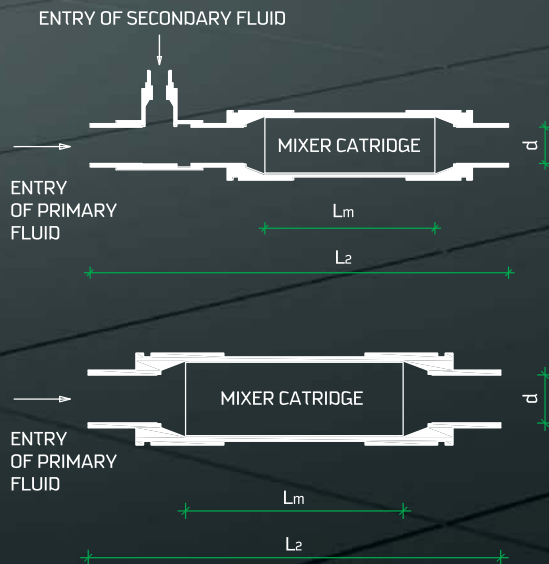
- Mixing two or more liquids different characteristics (density, viscosity, pH - value),
- Achieving homogeneity, which is possible under certain conditions,

Using:

- Treatment of drinking water,
- Disinfection of drinking water - disinfectant contact with the walls of pipe-lined,
- Wastewater treatment, Preparation of mixed chemicals

Improvements - benefits of using SML:

- Efficient use of chemicals,
- Reducing the amount of secondary chemicals - cost saving,
- Reduction the emissions of chemicals in the environment - environmental protection.



LEGEND:

- d - diameter
- L_m - mixing length
- L₂ - installation length

STATIC MIXER FOR LIQUID 1

TYPE :	SMT 0,2 - 2
MODEL:	d32 PN10
Basic liquids capacity:	Q = 0,2 - 2 L/sec = 0,72 - 7,2 m ³ /sat
Flow rate:	v = 6 - 12 m/sec
The ratio of the volume of liquid:	V _{sec. Liquid} : V _{basic liquid} = 0,5 - 1,5 : 10
Working pressure:	up to 5 bar (possible solution per request)
Working temperature:	5 - 70°C
Connection:	pipe union connection d20 - d40
Secondary liquid connection:	1/2"
Mixing length in relation to diameter working tube (d):	3d - 5d (possible solution per request)
Materijal:	Housing - PVC; Cartridge - PP (option - PVC - U)
Warranty:	12 months
Servicing:	It's necessary servicing and chemical cleaning once a year
Option:	With dosage place of secondary liquid / without dosage place of secondary liquid

STATIC MIXER FOR LIQUID 2

TYPE :	SMT 2-4
MODEL:	DN65/d63 PN10
Basic liquids capacity:	Q = 2-4 L/sec = 7,2 - 14,4 m ³ /sat
Flow rate:	v = 6 - 12 m/sec
The ratio of the volume of liquid:	V _{sec. Liquid} : V _{basic liquid} = 0,5 - 1,5 : 10
Working pressure:	up to 5 bar (possible solution per request)
Working temperature:	5 - 70°C
Connection:	with flange DN50 - DN80; pipe union connection d20 - d40
Secondary liquid connection:	1/2" - 1"
Mixing length in relation to diameter working tube (d):	3d - 5d (possible solution per request)
Materijal:	Housing - PVC; Cartridge - PP
Warranty:	12 months
Servicing:	It's necessary servicing and chemical cleaning once a year
Option:	With dosage place of secondary liquid / without dosage place of secondary liquid

STATIC MIXER FOR LIQUID 3

TYPE :	SMT 4-8
MODEL:	DN100 PN10
Basic liquids capacity:	Q = 2-4 L/sec = 7,2 - 14,4 m ³ /sat
Flow rate:	v = 6 - 12 m/sec
The ratio of the volume of liquid:	V _{sec. Liquid} : V _{basic liquid} = 0,5 - 1,5 : 10
Working pressure:	up to 5 bar (possible solution per request)
Working temperature:	5 - 70°C
Connection:	With flange DN80 - DN125; pipe union connection d90 - d125
Secondary liquid connection:	1/2" - 1"
Mixing length in relation to diameter working tube (d):	3d - 5d (possible solution per request)
Materijal:	Housing - PVC; Cartridge - PP
Warranty:	12 months
Servicing:	It's necessary servicing and chemical cleaning once a year
Option:	With dosage place of secondary liquid / without dosage place of secondary liquid



GROUP

BORPLASTIKA EKO - HR/SRB/BIH/CG/HU/NZ