

Inquiry data sheet Fluitec Static Mixer



Contact:

Company: Phone: Project / Inquiry-Nr:
 Name: Fax: Inquiry requested until:
 Street: E-Mail:
 ZIP/Town: Country: Only budget quotation: ☐ Yes ☐ No

Inquiry:

Process Data:

	Unit:	Main stream	Side stream 1	Side stream 2	Side stream 3
Name fluid:	[-]				
Flow minimal:	[m ³ h ⁻¹]				
Flow normal:	[m ³ h ⁻¹]				
Flow maximal:	[m ³ h ⁻¹]				
Density:	[kg m ⁻³]				
Viscosity:	[mPas]				
Temperature:	[°C]				
Classification fluid:	1:gaseous 2:liquid	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> 1 <input type="checkbox"/> 2
(acc. 2014/68/EU)	h:hazardous n:not hazardous	<input type="checkbox"/> h <input type="checkbox"/> n	<input type="checkbox"/> h <input type="checkbox"/> n	<input type="checkbox"/> h <input type="checkbox"/> n	<input type="checkbox"/> h <input type="checkbox"/> n

Are the fluids mixable? ☐ Yes ☐ No → Surface tension: mN m⁻¹ Maximal droplet size: mm

Homogeneity as standard deviation in relation to mean value [σ/\bar{X}]: ☐ < % ☐

Maximal allowed pressure drop: bar (Description of the mixture)

Mechanical Data:

Planned nominal diameter of the pipe DN Different possible: ☐ Yes ☐ No Notice: ☐ Standard configuration

Design code: ☐ AD2000 ☐ ASME ☐

Connections: ☐ Flange EN1092 ☐ Flange ANSI ☐ Thread connection ☐ Free tube end ☐

Injection nozzle: ☐ No ☐ Yes → ☐ Flange ☐ Thread connection ☐ Free tube end ☐

Mixing elements: ☐ Not removable ☐ Removable ☐ Only elements, no housing

Material: ☐ 316 L / 316 Ti ☐ 304 / 304 L ☐ 1.4435 ☐ Hastelloy C22 ☐

☐ Duplex 2205 ☐ 904 L ☐ PE / PP ☐ Carbon steel / PTFE ☐

Mixing pipe: Max. allowed pressure: bar Max. allowed temperature: °C

Heating jacket: ☐ No ☐ Yes → Max. allowed pressure: bar Max. allowed temperature: °C

Increased Requirements: (for example for food- and pharma-industry)

Surfaces: ☐ No specifications ☐ Ra<1.6 µm ☐ Ra< µm ☐ Electropolished ☐

Mixing elements: ☐ No specifications ☐ Gap free, as possible ☐ Edges rounded ☐

Remarks:

Documentation: (if required)

☐ Drawing / Parts list ☐ List of material certificates
☐ Welding specifications ☐ Fabrication control plan
☐ ☐