

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
 _____ _____