

Questionnaire VPureMix® Magnetic Coupled Mixer

Specification for the Application (page 1/2)

Customer Contact Information	
Date	
Company	
Contact person	
Phone	
E-mail	
Country of use	
Project number/designation ¹⁾	

Operating Conditions	
ATEX requirements	<input type="checkbox"/> yes Zone: _____ <input type="checkbox"/> no

Vessel Data	
Total volume [liters]	
Max. mixing volume [liters]	
Min. mixing volume [liters]	
Pressure [bar]	
Material	
Number of mixers	

Dimensions				
Bottom shape	<input type="checkbox"/> dished	<input type="checkbox"/> conical	<input type="checkbox"/> tulip	<input type="checkbox"/> other
Dimensions [mm]				
D1 =				
D2 =				
H1 =				
H2 =				
LH =				
R1 =				
R2 =				
A =				
Bottom insulation	<input type="checkbox"/> yes	<input type="checkbox"/> no		

¹⁾ The project number or project name you choose will be included in the offer.

Note

Dimensions and technical details correspond to the VPureMix® data sheet. The VPureMix® is suitable for temporary dry running during tank emptying as well as for operation with a frequency converter. The speed of the mixing head must be adapted to the product and the respective filling level.

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Specification for the Application (page 2/2)

Fluid data

Description	
Viscosity [mPa s/cP]	
Density [kg/l]	
Temperature [°C]	

Mixing Performance Specification

Type of application	<input type="checkbox"/> heat transfer	<input type="checkbox"/> sensitive cell suspensions	<input type="checkbox"/> suspend solids
	<input type="checkbox"/> buffer/salt solution ²⁾	<input type="checkbox"/> blending miscible liquids	<input type="checkbox"/> emulsifying immiscible liquids
	<input type="checkbox"/> protein solution	<input type="checkbox"/> chemical reaction ²⁾	<input type="checkbox"/> powder introduction
	other application and/or known special features [Please describe]		
Product dependency	<input type="checkbox"/> not shear sensitive	<input type="checkbox"/> slight shear sensitive	<input type="checkbox"/> highly shear sensitive
Foaming products	<input type="checkbox"/> yes		<input type="checkbox"/> no
Required mixing intensity	<input type="checkbox"/> gentle	<input type="checkbox"/> general	<input type="checkbox"/> vigorous
Vortex required	<input type="checkbox"/> yes		<input type="checkbox"/> no
Speed sensor required	<input type="checkbox"/> yes		<input type="checkbox"/> no
Documentation	<ul style="list-style-type: none"> - Data sheet - Operating instructions - Welding instructions - Material certificate 3.1 EN 10204 for mixing head and tank plate - Declaration of conformity (FDA/USP Cl. VI) for elastomers - Declaration of conformity (FDA/USP Cl. VI) for ceramic bearings - EC Declaration for incorporation - Declaration of conformity antibacterial top coat (drive unit) according to JIS Z 2801:2010 		
Optional documents	<input type="checkbox"/> Measurement report roughness mixing head <input type="checkbox"/> Measurement report roughness of tank plate <input type="checkbox"/> Measurement report Δ-ferrite content Mixing head <input type="checkbox"/> Measurement report Δ-ferrite content Tank plate Other: _____		

²⁾ please indicate concentration and chemical compound

We are happy to provide you with a corresponding offer. Send the filled-out questionnaire to:

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