

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	☐ yes Zone: _____ ☐ no

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

Dimensions				
Bottom shape	☐ dished	☐ conical	☐ tulip	☐ other
Dimensions [mm]				
D1 =				
D2 =				
H1 =				
H2 =				
LH =				
R1 =				
R2 =				
A =				
Bottom insulation	☐ yes		☐ 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.

Questionnaire VPureMix® Magnetic Coupled Mixer

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	☐ heat transfer	☐ sensitive cell suspensions	☐ suspend solids
	☐ buffer/salt solution ²⁾	☐ blending miscible liquids	☐ emulsifying immiscible liquids
	☐ protein solution	☐ chemical reaction ²⁾	☐ powder introduction
	other application and/or known special features [Please describe]		
Product dependency	☐ not shear sensitive	☐ slight shear sensitive	☐ highly shear sensitive
Foaming products	☐ yes		☐ no
Required mixing intensity	☐ gentle	☐ general	☐ vigorous
Vortex required	☐ yes		☐ no
Speed sensor required	☐ yes		☐ no
Documentation	- 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		
Optional documents	☐ Measurement report roughness mixing head ☐ Measurement report roughness of tank plate ☐ Measurement report Δ-ferrite content Mixing head ☐ 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:

Armaturenwerk Hötensleben GmbH, Schulstr. 5 - 6, D-39393 Hoetensleben, Tel.: +49 39405 92 0, e-mail: info@awh.eu, www.awh.eu