



Application Questionnaire

[Colloid Mills & In-Line Mixers]

Email completed form to: sales@bematek.com

Bematek is committed to providing you reliable *in-line mixer* and *colloid mill* selection. Please complete this brief questionnaire and you'll be on your way to selecting the ideal in-line mixer or colloid mill to best meet your wet mixing or milling requirements.

May we inquire as to where you heard about Bematek Systems, Inc. (your response is appreciated)?

Internet Magazine Trade Show Colleague Other

Details: _____

Contact Information

Company Name: _____ Date: _____

Your Name _____ Title: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Country: _____

Telephone: _____ Fax: _____

E-Mail: _____ Web Site: _____

General Information

Purpose of your request? Purchase Budget Other

Equipment of interest? In-Line Mixer Colloid Mill Both

Status of product? New Existing

Immediate interest? Test at Bematek On-Site Trial Replacement

Product category? Emulsion Dispersion Mixture/Blend

Briefly describe your product: _____

What markets do you serve: _____

Current equipment used: _____

Concerns with present method: _____

Bematek Systems Inc.
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Salem, MA 01970

Toll Free: 1-877-BEMATEK (236-2835)
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Application Questionnaire (continued)

Physical Properties

Properties of Primary Components	Component #1	Component #2	Component #3
Trade or chemical name			
Percent of formula (by weight or volume)			
Specific gravity			
Solid or liquid?			
Viscosity (cP, method and temperature)			
Viscosity type (Newtonian, thixotropic, etc.)			
Normal process temperature			
Maximum temperature allowed			
Abrasive or corrosive?			
Soluble/miscible in water, oil or neither?			

Process Characteristics

System type: Single-pass Multi-pass Recycle

Processing goal: Blending Size reduction Deagglomeration

Product viscosity type: Newtonian Thixotropic Dilatant

Hours of operation: 8 hr/day Continuous 24/7 Other

Infeed method: Batch premix Metered

Feed/system pressure: _____ **Discharge Head:** _____

Process temperature: _____ **Max. Temperature:** _____

Capacity/flow rate: _____ **Batch Size:** _____

Product quality control tests: _____

Equipment Specifications

Mechanical seal type: Single Double Special

Elastomer material: Viton (Std) EPDM Other

Wettable material: 316L SS (Std) Monel Other

Motor enclosure: TEFC (Std) X-Proof Other

Optional features: VFD Casters Other

Available electric power: _____ (phase/Hz/Volts)

Support materials to be sent: _____

Additional comments: _____