

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: _____

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: _____