



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.
96 Swampscott Road, Unit #7
Salem, MA 01970

Toll Free: 1-877-BEMATEK (236-2835)
Tel.: 978-744-5816
Fax: 978-744-2531

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 ☐

Wettables 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: _____