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ISO9001 CERTIFIED

To help us determine which model Brookfield Viscometer would be best suited for your application, please furnish the information requested below:

1. TYPE OF FLUID: ❒ FOOD ❒ POLYMER ❒ COATING ❒ SLURRY
❒ LIQUID ❒ PULP ❒ OTHER

Viscosity: (specify units) Average _____ Min. _____ Max _____

Reference Temperature: (at above viscosity) °C _____ °F _____

How was viscosity measured? If known, provide shear rate or instrument description and operating speed: *(NOTE: If fluid is non-Newtonian, measurements at several shear rates and speeds will be required.)*

_____

If actual viscosity in centipoise is unknown, indicate approximate viscosity by comparison with common fluids:

_____

For which viscosity value or range should the measuring system be designed? _____

_____

2. DESCRIPTION OF MATERIAL TO BE MEASURED:

Product: _____

Rheological Characteristics: ❒ Newtonian ❒ Non-Newtonian ❒ Thixotropic
❒ Dilatant ❒ Plastic ❒ Other _____

Physical Composition:

Does it contain fibers? _____ Size? _____ Concentration? _____

Does it contain particles? _____ Size? _____ Concentration? _____

Are the fibers or particles abrasive? ❒ Yes ❒ No

3. OPERATING CONDITIONS: (specify units)

Pressure: Average: _____ Min. _____ Max. _____
Temperature: Average: _____ Min. _____ Max. _____
Flow Rate: Average: _____ Min. _____ Max. _____

Where exactly in production would you like the viscometer to be installed? (If necessary, please provide sketch on separate sheet.) _____

_____

_____

Strong external influences (e.g., vibration, dust, humidity, ambient temperature, corrosive vapors, cleaning procedures)? _____

_____

3. OPERATING CONDITIONS: (continued)

Does the substance cure, set or harden? For what reasons (e.g., air, temperature, time)? _____

Is the substance hazardous or toxic? Corrosive properties: (process or cleaning)_____

Preferred material for immersed parts: ❒ 304 (18-8) stainless ❒ 316 stainless ❒ Other _____

4. DESCRIPTION OF INSTALLATION: Planned installation in:

❒ Pipeline: Pipe size _____ Throughput _____

Mounting connections: ❒ 1" FPT ❒ 1" 150# flange ❒ 1 1/2" 150# flange ❒ 2" 150# flange
(Model TT100 only) ❒ 1" MPT ❒ 1" 300# flange ❒ 1 1/2" 300# flange ❒ 2" 300# flange
❒ 1 1/2" MPT ❒ 1" 600# flange ❒ 1 1/2" 600# flange ❒ 2" 600# flange
❒ 2" MPT ❒ Other: _____

Can the instrument be installed in a bypass? **(maximum flow rate for TT100 is 20 gpm)**

❒ Vessel: Method of agitation _____ Immersion Length _____

Mounting connections: ❒ 4" 150# flange ❒ 4" 300# flange ❒ 3" 150# flange ❒ 3" 300# flange
(Model TT200 only) ❒ Other: _____

❒ Reservoir-mounted: Method of agitation Immersion Length

Probe lengths: ❒ 11" X 2" dia. r 17" X 2" dia.
(Model TT220 only) ❒ 24" X 2" dia. **(Nema 1 or 4 only)** ❒ 30" X 2" dia. **(Nema 1 or 4 only)**
❒ Other: _____

5. TYPE OF READOUT AND CONTROL EQUIPMENT PREFERRED:

Indicator: ❒ Analog ❒ Digital ❒ Strip chart recorder ❒ Indicator with control contacts
❒ Other _____

6. ELECTRICAL CODE: ❒ NEMA 1 (general purpose—indoor)
❒ NEMA 4 (watertight/dusttight for indoor/outdoor use)
❒ NEMA 7 (explosion proof—Class 1, Div. 1&2, Group C&D)
❒ CENELEC (explosion proof—Code: EE x d 11B T6)

Line Voltage/frequency: ❒ 115V 60Hz/1 Ø ❒ 115V 50Hz/1 Ø ❒ 230V 50Hz/1 Ø ❒ 230V 60Hz/1 Ø

7. ADDITIONAL EXPLANATIONS: (Please provide information on separate sheet, if applicable.)

COMPANY: _____

ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

NAME: _____ **TEL:** _____

TITLE: _____ **FAX:** _____