

Homogeniser Questionnaire

Name			
Department			
Company			
Address			
Tel.:		Fax.:	

Please use the questions below, either as a guideline for explaining your particular need or problem, or, circle the areas which apply to you.

Further information, plus the procedures that specifically relate to your task would also be very helpful. The more detailed information you can provide the better we can recommend the best solution for your specific application.

A: Type of business:?

- Industry Government Research University/College
 Hospital/Health Care Education
 Other (please specify) _____

B: Type of product:

- Chemicals (e.g. photoprocessing, paint or dyeing, oil or grease chemistry, glues, metals, pesticides, building materials, mineral oil, plastics, etc.)
 Food or food ingredient
 Cosmetics and perfumes
 Pharmaceuticals and related areas
 Other (please specify) _____

C: Laboratory discipline or factory process:

- Industry Medical Clinical Environmental
 Other (please specify) _____

D: Intended procedures and /or results:

Accelerating processing of complicated or time-consuming technique

- Fast mixing Decrease of reaction time
 Disintegration of agglomerates-smoothing-refining
 Braking down of organic substances, etc.
 Breaking down of macromolecular substances
 Homogenising Dispersion
 Particle size at beginning (mm, µm) _____
 Desired particle size at end of treatment _____

E: Information, ways of processing:

1) Closer definition
2) Details about different components
3) Rheological behaviour (Newton or structure viscosity, tendency to tixotropy or dilution, figures on viscosity or related specification)
4) pH-value, give details about aggressive components (acid, base, salt, etc.)
5) Desired limit of temperatur range during process
6) Dangerous substances
7) Additional information (weight, etc.)
8) Use of abrasive substances (particle size, hardness)

F: Additional factors during or after the process (UV rays, sterilisation over 200 °C, etc.):

G: Other

1) Solvents, disintegration media, emulsifiers
2) Dispersion media, stabilisers, thickeners
3) Additional aids, additives
4) Will an additional gas be applied

H: Technical operation:

1) Continuous use or "charge" use - approximate time (hours, says)
2) Volume of work in ml, frequency
3) Normal pressure, high pressure, vacuum (psi or torr)
4) Additional technical information
5) Size of sample/batch for treatment (ml, l)
6) Planned size of vessel (and form)

Thank you for your co-operation!