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

☐ Pharmaceutics 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!