



Concentration and velocity measurements in multiphase systems with fLabasys[®] 100fi

Please complete this form as precise as possible. If you don't know quantitative values for certain sizes, do give a *qualitative description* (high/low etc.) - thank you!

Process:

1. Process / Application

- Vessel/ tubing type: _____ - Diameter/Height: _____ m
- Purpose: automation / control R & D (non steady-state operation)
- Temperature: _____ °C - Pressure: _____ bar
- Solids concentration: min: _____ g/m³ max: _____ g/m³
- Solids velocity: min: _____ m/s max: _____ m/s
- Flow field: 1-dim 2-dim 3-dim - Directed flow: yes no
- Explosion protection: not required required
- zone: _____ group: _____ temperature class: _____
- Safety concerns (toxicity, flammability etc., if critical):

- Remarks:



4. Data Acquisition & Analysis

- we are interested in the following quantities:

concentration velocity 1-dim. velocity 2-dim.
phase detection /flow structure other:

- Type of data acquisition hardware: mobile stationary

we have already the following components, which we like to use:

- Distance between PC and probe (cable length): m

- we like do the data analysis (velocity determination):

off-line

on-line with a frequency of 0.1 Hz 1 Hz 10 Hz Hz

- Remarks:

5. Address

Person in charge:

Company:

Address:

Tel:

FAX

E-Mail:

Important: All your information will be treated strictly confidential and helps us to build the best instrument possible for your application!

Please mail or fax to:

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