

## Questionnaire: Extraction Processes

To enable our engineers to work out a process-/plant proposal which will fit into your demands, please be so kind and complete the following list:

Company: .....

.....

.....

.....

.....

Date: .....

Contact: .....

Phone: .....

Fax: .....

### - Type of extraction process

- liquid/liquid  
or  
 solid/liquid

### - The plant should be operated

- batchwise ?  
or  
 continuous ?

### - Process data:

Solvent throughput .....

.....

Feed throughput .....

.....

Process temperature .....

### - Substance data

Solvent .....

.....

Feed mixture (substances and concentration) .....

.....

corrosive properties .....

.....

toxic properties (solvent or feed) .....

.....



- **Extraction principle (if known)**

solid/liquid

- cold-extractor acc. to Soxhlet
- hot-extractor acc. to Knöfler-Böhm
- hot-extractor acc. to Twisselmann
- micro-solid-liquid-extractor acc. to Blount
- multi purpose extraction apparatus for solid/liquid and liquid/liquid extraction
- extraction apparatus with thin film evaporator

liquid/liquid

- extraction apparatus for lighter solvents
- extraction apparatus for heavier solvents
- extraction apparatus for heavier and lighter solvents
- multi purpose extraction apparatus for solid/liquid and liquid/liquid extraction
- Mixer-Settler, single stage
- Mixer-Settler, 2-stage
- Mixer-Settler, 3-stage
  - with thermostatic jacket
  - without thermostatic jacket
- Countercurrent extractor with sieve tray columns
- Countercurrent extractor with packed columns

