

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
- continuously ?

- 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