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HUBER Solution for Micro-Screening / Filtration of Raw Wastewater

The first step in the right direction is most important!

Budgets for environmental projects are notoriously tight, particularly in developing and emerging countries. For this reason, it is imperative to achieve maximum value with limited investment.

Since costs rise exponentially with treatment efficiency, low-cost basic treatment of all wastewater flows must have priority over excellent, but expensive treatment of only some wastewater.

Our MeChem® solution is a modular system for centralized wastewater treatment. The first stage of mechanical pre-treatment with fine screens is least expensive and provides the best cost/value ratio. The following mechanical, chemical and finally biological stages further improve the treatment efficiency, but are increasingly expensive.

For micro-screening of raw wastewater we provide the following HUBER products, depending on the requirements:

- Our ultra-fine screens [HUBER Membrane Screen ROTAMAT® RoMem](#) and ROTAMAT® RoMem liquid are installed in channels and have a mesh size between 0.5 and 1 mm.
- Our ultra-fine rotary [HUBER Drum Screen RoMesh®](#) has a mesh size between 0.2 and 1 mm and is suitable for pump feed.
- Our rotary mesh screen micro-strainer [HUBER Disc Filter RoDisc®](#) is provided with fabric of a mesh size between 0.01 and 0.1 mm, applied on both sides of slowly rotating discs.

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