



# A great variety of filtration applications

## Your challenges

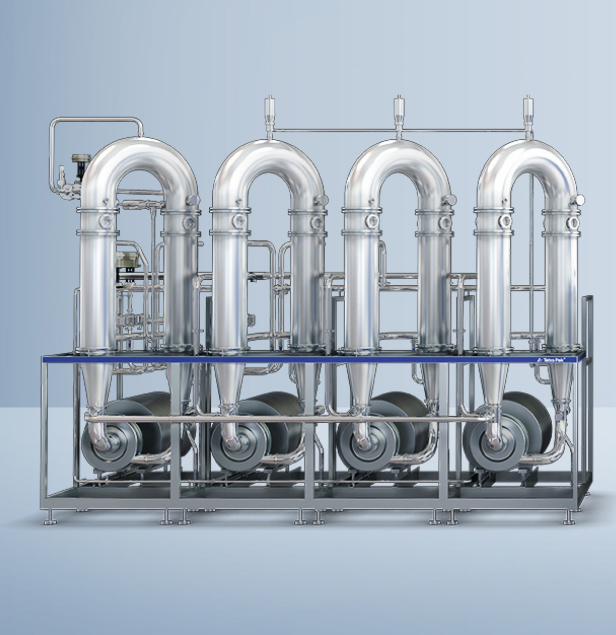
Innovation for quick product launches to meet consumer demands. Also, uniform product quality, operating efficiency and a sustainable production together with increasing revenue.

## Our offer


A complete range of filtration solutions, engineered to meet your customers' present and future needs in both line and stand-alone solutions, with increased yield and maximum uptime.

## Recovery solutions


## Milk and whey products



Microfiltration



Microfiltration



- Bacterial removal
- Casein standardization
- Brine treatment
- Cheese milk preparation
- Fat removal
- Extended shelf life
- MCC production

Microfiltration



Ultrafiltration

- Protein standardization
- Brine treatment
- Milk: MPC/MPI
- Whey: WPC/WPI
- Lactoferrin
- De-calcification

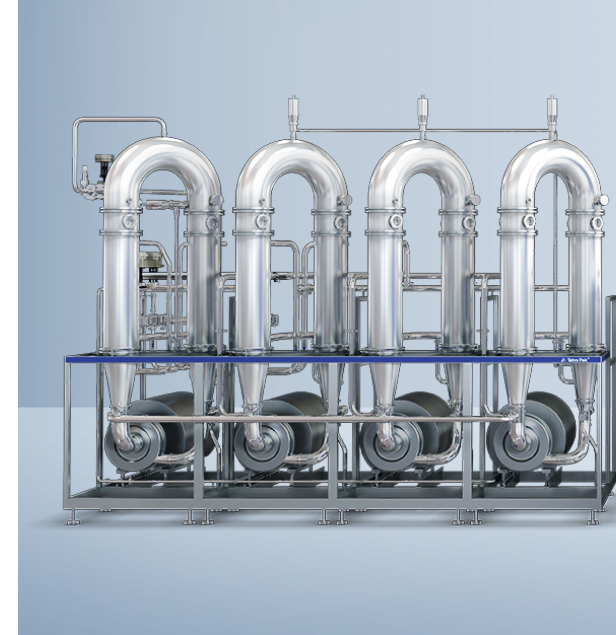
Ultrafiltration



- Cream cheese
- White cheese
- Greek yogurt
- Skyr
- Quark
- Milk drinks
- Desserts

Ultrafiltration


## New and plant-based foods



Microfiltration  
Ultrafiltration

- New food fermentation
- Plant protein concentration, fractionation, and standardization
- Bacterial removal
- Juice clarification

Microfiltration  
Ultrafiltration



- New protein sources
- Plant based drinks
- Plant based yoghurt
- Plant based protein ingredients
- Tofu
- Coconut, orange, and other juices

Microfiltration  
Ultrafiltration



Reverse Osmosis  
Nanofiltration

- Water quality optimization
- Reduction of freshwater consumption

Reverse Osmosis  
Nanofiltration



- Product recovery
- Process water recovery
- CIP chemical reclaim
- Standardization of water as an ingredient

Reverse Osmosis  
Nanofiltration



Nanofiltration



Nanofiltration



- Demineralized milk and whey
- Salt reduction
- High solids concentration
- Infant formula

Nanofiltration



Reverse Osmosis



Reverse Osmosis



- Solids concentration
- Milk concentration
- Whey concentration
- UF permeate concentration
- Buttermilk concentration

Reverse Osmosis



Reverse Osmosis  
Nanofiltration



Reverse Osmosis  
Nanofiltration



- Solids concentration and standardization
- Sugar standardization
- Tea and coffee concentration
- Plant based powder

Reverse Osmosis  
Nanofiltration