

Ultrafiltration with gravity separator

Automobile industry

APPLICATION:

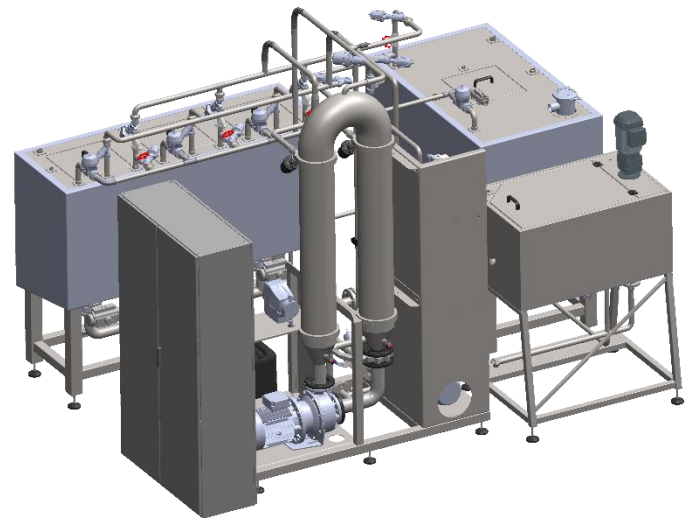
- Process/Cleaning water from car wash
- Degreasing of fine particles and emulsifying oils

PROCEDURE:

- Inlet filter 200 µm in stainless steel
- Gravity separator for the separation of demulsifying oils, automatic oil drain
- Ultrafiltration, ceramic membrane, membrane area 12,6 m²
- CIP-Station for chemical cleaning
- Fully automatic control

REALISATION: 2022

LOCATON: USA

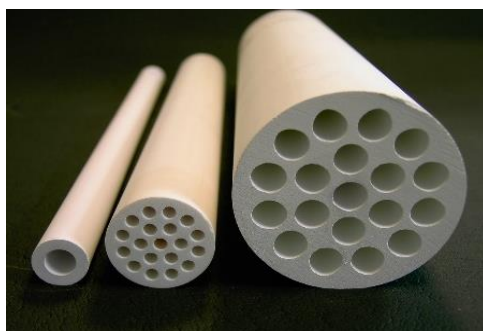


Schema Ultrafiltration with gravity separator

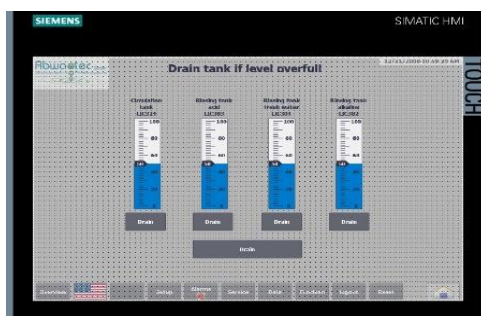
Parameter/technical data	
Temperature	Max 95 °C
pH	2 - 14
Permeat performance	1,0 m ³ /h
Working pressure	Max 6 bar
Installed power	30 kW



Gravity separator



Ceramic membrane



Touch panel



System in internal test run