



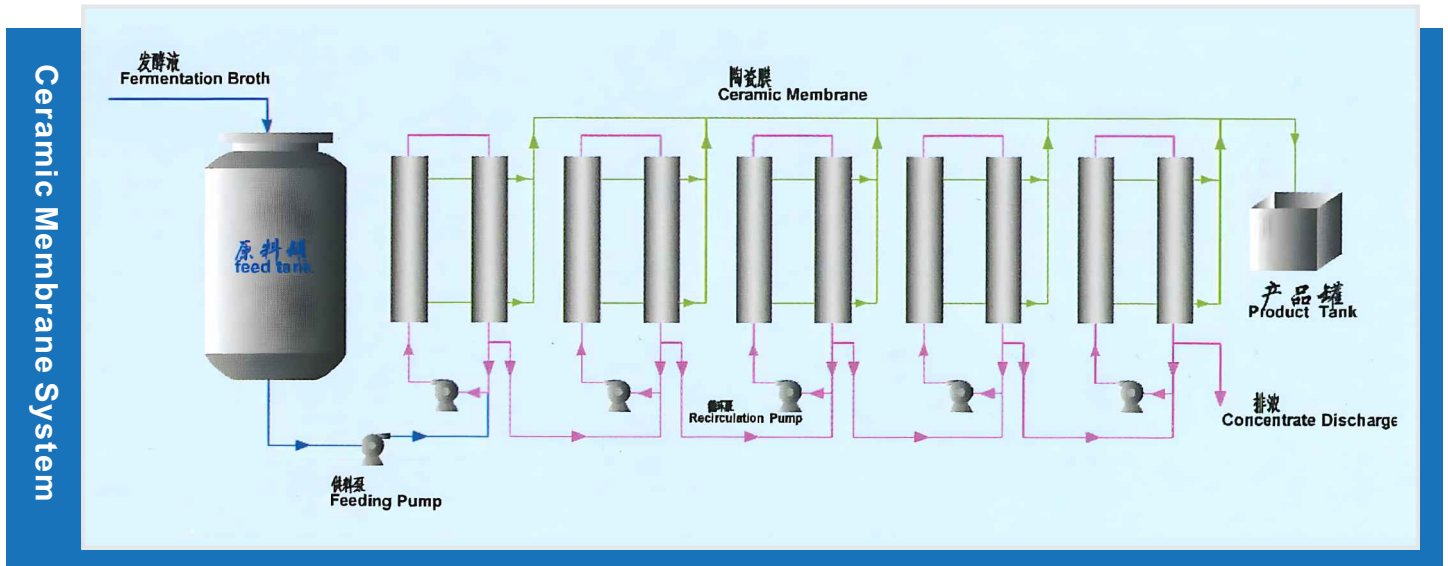
Overview

The company mainly uses agriculture products (corn) for further processing business. They produce corn starch, modified starch, L-lysine, starch sugar, bio-fertilizer, etc. They used KAIMI technical solution since 2012, for separating and purifying lysine fermentation.

Project Brief

Project Location	Shandong, China
Treatment Capacity	4,320m ³ /D
Started at	December of 2019
Membrane Model	P1940-N50-1200mm, P1960-N50-1200mm
Membrane Quantity	10,200pcs
Membrane Area	2,877m ²
Operation Type	Continuous Concentration
Technical Index	Permeate Clean / No SS Final Product: 95% and 70% Purity Mycelium Removal Rate Reaches 99% Turbidity Removal Rate Reaches 99%

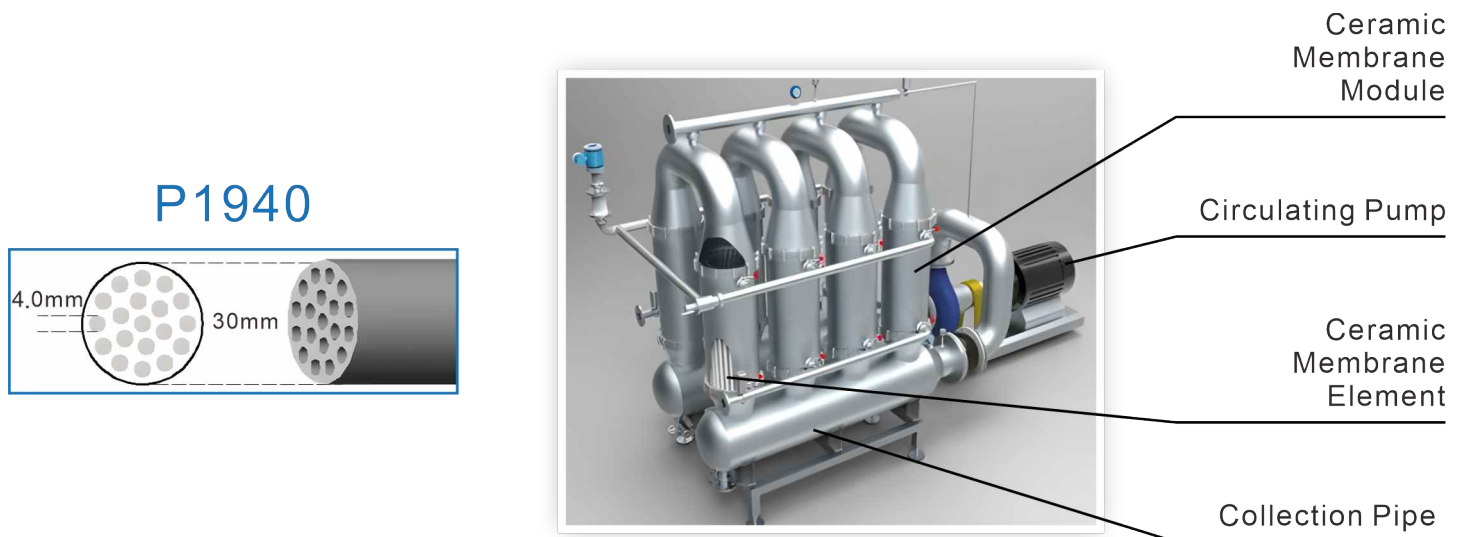
Project Overview



Process Advantages

- High anti-pollution ability, long service time, reproducible.
- High separation accuracy, permeate clean & clear, reduce the follow-up work.
- No need of filter aid in the process.
- High ratio of concentration, increase the permeate yield.
- Recycle the thallus in the fermentation, more economic and environment friendly.
- Easy to control the concentration ratio.
- Regulate transmembrane pressure, extend the operation time, increase the output.
- Continuous production, much higher production efficiency.

Ceramic Membrane System



Jiangsu Kaimi Membrane Technology Co., Ltd

