



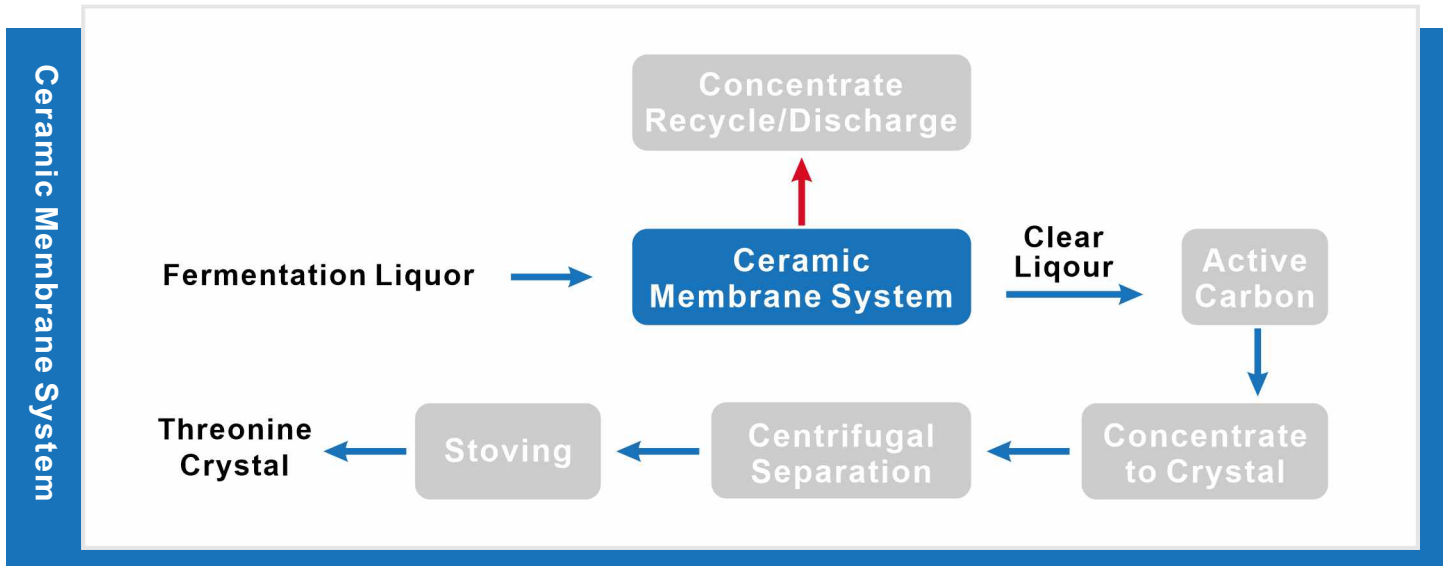
Overview

Fufeng group is a public corporation which produces bio-fermentation products. They focus on researching and producing various amino acids, its derivatives and bio-colloid. Their main products are MSG, threonine, valine, isoleucine, xanthan gum etc. They win big share in domestic market and export to more than 60 countries. They started to use KAIMI technical solution since 2014, for separating and purifying threonine.

Project Brief

Project Location	Xinjiang, China
Treatment Capacity	1,000m ³ /D
Started at	February of 2014
Membrane Model	P1940-N50-1200mm
Membrane Quantity	2,208pcs
Membrane Area	620m ²
Operation Pattern	Batch Production
Technical Index	Permeate Clean/ No SS Light Material Transmittance ≥ 70% Microscopy: No Bacteria Concentration Ratio ≥ 4 Operation Temperature: 50°C-60°C

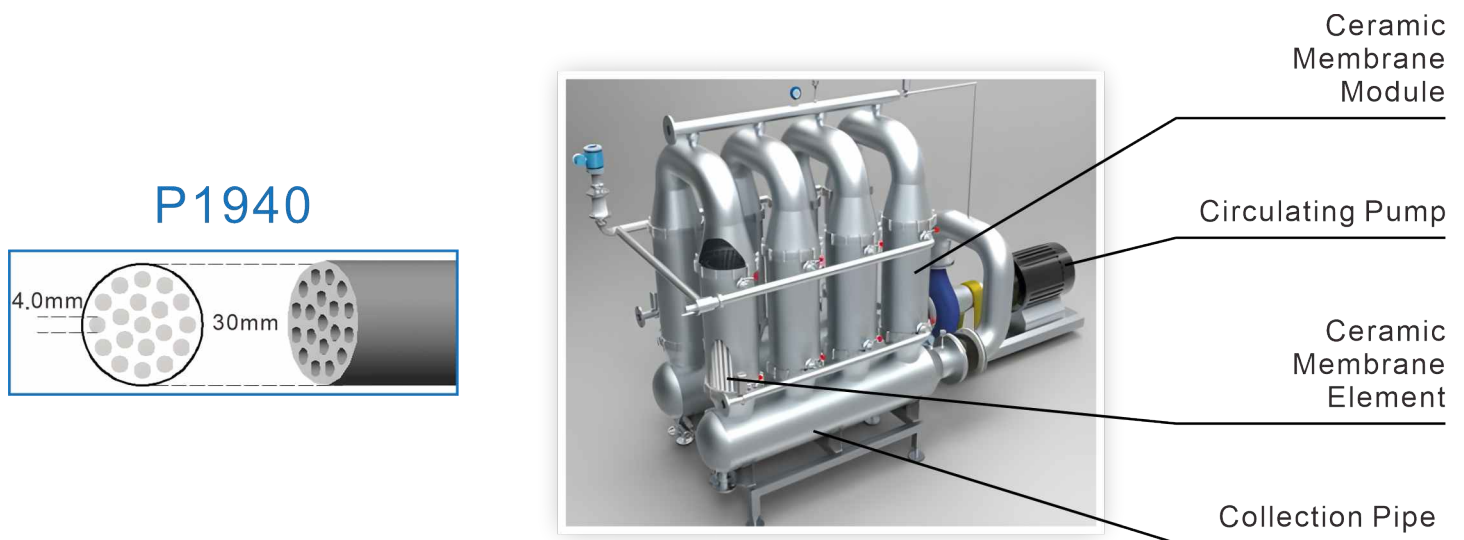
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Process Advantages

- 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 concentrating, increase the permeate yield.
- Recycle the thallus in the fermentation, more economic and environment friendly.
- PLC control, easy and reliable operation, cut down the labor cost.
- Continuous production, much higher production efficiency.

Ceramic Membrane System



Jiangsu Kaimi Membrane Technology Co., Ltd

