FINETEC Case Study Aerogel dry process with supercritical dry system



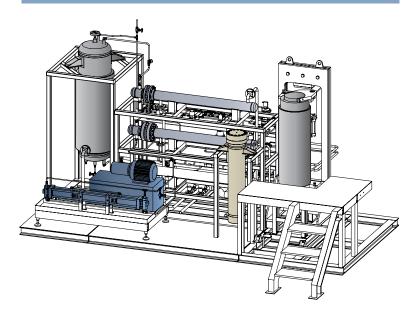


FINETEC





STRUCTURE



- Year/Month : 2009/04
- Client/Owner : FINETEC
- Engineer : ILSHINAUTOCLAVE
- Location : ANSEONG. REPUBLIC OF KOREA

TITLE

Supercritical CO₂ Dry System – Aerogel Dry Process

PROCESS	
Removal Condition	330kg/cm² at 100°C
Total Output	50ℓ / day
Production Time	4hr/day x 1set

MAJOR APPLIANCES	
Extractor	50ℓ x 1 unit
Max. Working Pressure	700 kg/cm²
Quick Closure Clamp	
Separator	20 <i>l</i> x 1 unit
HP Pump	10 HP
Max. Working Pressure	330kg/cm²
Max Flow Rate	8ℓ/min
Pre-Heater	Double Pipe Type
Condenser	Double Pipe Type
CO ₂ Reservoir	150ℓ x 1 unit

(Certificate of Korean Gas Safety inspection)

FEATUR

- Apply to aerogel manufacture
 Automatic system
- Conform with High-pressure Gas Safety Regulation
- Certificate of Korean Gas Safety inspection

