



- 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/cm ² at 100°C |
| Total Output | 50ℓ / day |
| Production Time | 4hr/day x 1set |

MAJOR APPLIANCES

| | |
|---------------------------|-----------------------|
| Extractor | 50ℓ x 1 unit |
| Max. Working Pressure | 700kg/cm ² |
| Quick Closure Clamp | |
| Separator | 20ℓ x 1 unit |
| HP Pump | 10 HP |
| Max. Working Pressure | 330kg/cm ² |
| 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)

FEATURE

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

STRUCTURE

