



- Year/Month : 2007/01
- Client/Owner : Hanmi
- Engineer : ILSHINAUTOCLAVE
- Location : SIHEUNG. REPUBLIC OF KOREA

TITLE

Supercritical CO₂ Dry System

- Remain solvent dry process (잔류용제 건조 공정)

PROCESS

Removal Condition	250kg/cm ² at 80°C
Total Output	2.4 ton/day
Production Time	2hr/batch x 2set

MAJOR APPLIANCES

Dry Reactor	100ℓ x 2 units
Max. Working Pressure	150kg/cm ²
Clutch Door Clamp Closure Type Cover	
Separator	160ℓ x 3 units
HP Pump	20 HP x 2 unit
Max. Working Pressure	250kg/cm ²
Max Flow Rate	15ℓ/min
Pre-Heater	Double Pipe Type x 2 units
Condenser	Shell & Tube Type x 2 units
CO ₂ Reservoir	300ℓ x 1 units
Liquid CO ₂ Tank	20ton x 1 units

(한국가스안전공사 검사필)

FEATURE

- 국내 최초 cGMP(Current Good Manufacturing Practice) 규정 준수
- 플랜트 설비의 전체 시스템 자동화 구현
- 고압가스 안전 규정에 의한 허가 및 전문 시공
- 한국가스안전공사 검사필

구조도

