



- Year/Month : 2009/10
- Client/Owner : JNBC (Jeonnam Nano Bio-Center)
- Engineer : ILSHINAUTOCLAVE
- Location : JANGSEONG. REPUBLIC OF KOREA

TITLE

Supercritical CO<sub>2</sub> Dry System

- Various Extraction Production (様々な抽出生産)

PROCESS

Removal Condition	700kg/cm <sup>2</sup> at 90℃
Total Output	1 ton/day
Production Time	8hr/day x 2set

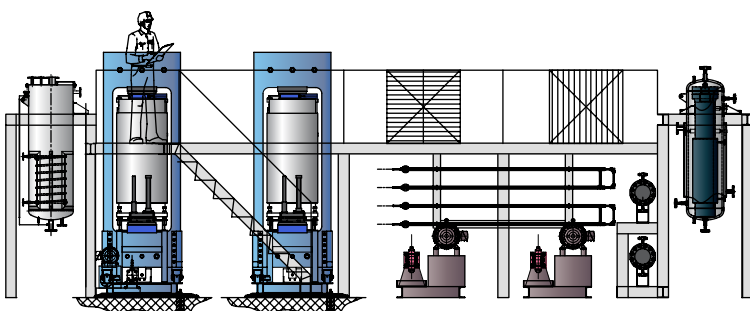
MAJOR APPLIANCES

Extractor	100ℓ x 2 units
Max. Working Pressure	700kg/cm <sup>2</sup>
Yoke Frame Closure Type Cover	
Separator	50ℓ x 2 units
HP Pump	30 HP x 2 unit
Max. Working Pressure	700kg/cm <sup>2</sup>
Max Flow Rate	1.2ℓ/min
Pre-Heater	Double Pipe Type x 2 units
Condenser	Shell & Tube Type x 2 units
CO <sub>2</sub> Reservoir	300ℓ x 1 units
Liquid CO <sub>2</sub> Tank	20ton x 1 units

(韓国ガス安全公社の検査)



構造図



FEATURE

- 固体/液体試料の兼用処理が可能な装置
- 工程後C.I.P処理/システム全体の幅広構造
- プラント設備システム全体の自動化
- 高圧ガスの安全規定による許可、専門施工
- 韓国ガス安全公社の検査