



- Year/Month : 2013/09
- Client/Owner : KIGAM (Korea Institute of Geoscience & Mineral Resources)
- Engineer : ILSHINAUTOCLAVE
- Location : DAEJEON, REPUBLIC OF KOREA

TITLE

Make a similar Deep Ocean System

PROCESS

Process Condition	200kg/cm ² at 10℃
Vessel Capacity	1200ℓ (12m ³)
Agitator	I.D 1,000 mm x I.L 1,500 mm

MAJOR APPLIANCES

Pressure Vessel	1200ℓ
Max. Working Pressure	200kg/cm ²
Closure Type	Bolt Type
	24 ea
Viewcell Zone	Sight Glass
Body	4 개소 (φ 60)
Cover	5 개소 (φ 100)

Measuring Instrument

- Filter Assembly Port
- Thermocouple & Pressure Port
- Luna sensor Port
- Resistivity Port

Body Jacket

φ 1,620 / 1,262 mm

FEATURE

- 次世代天然ガス資源研究のための地層模写装置
- 深海地層環境の高圧環境維持可能
- 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

構造図

