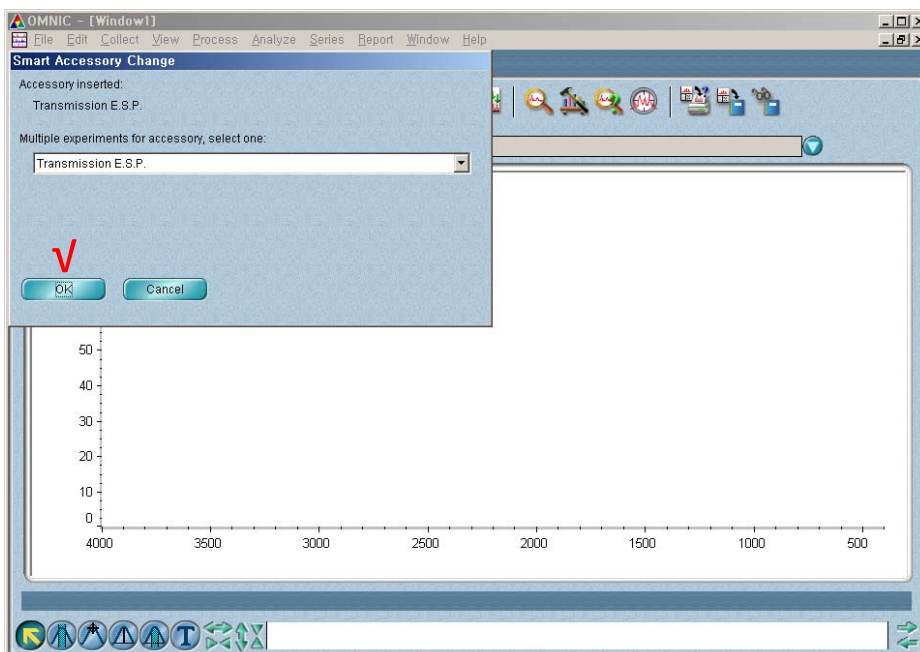# FT-IR Spectrophotometer 사용법
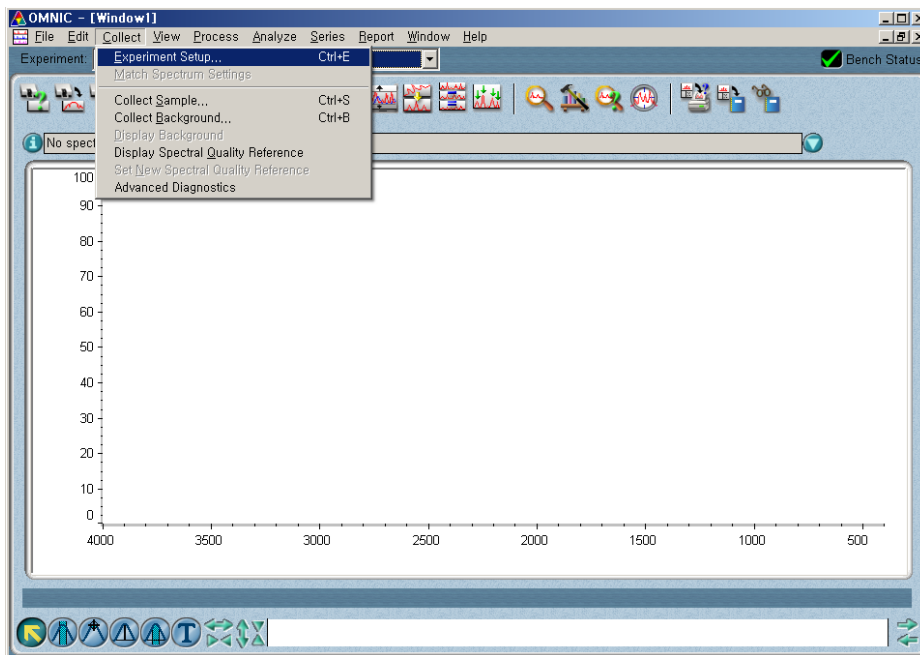

(Nicolet 380, ThermoFisher Scientific)

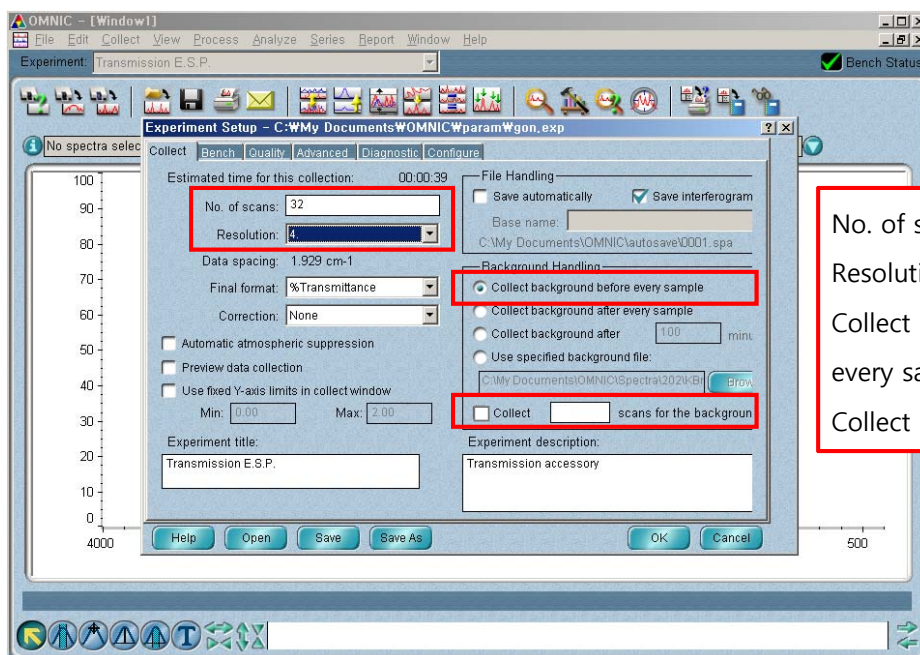124호 공동기기실

---

1. 컴퓨터 바탕화면에 OMNIC 프로그램 실행

2. Collect- Experiment Setup

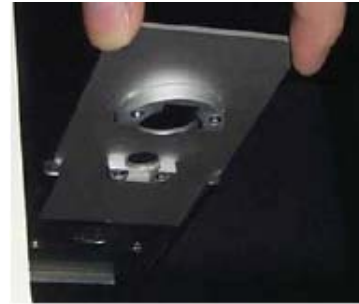

3. Collect- Experiment Setup

No. of scans : 32

Resolution : 4

Collect background before every sample

Collect : 체크 해제

4. Pellet 준비
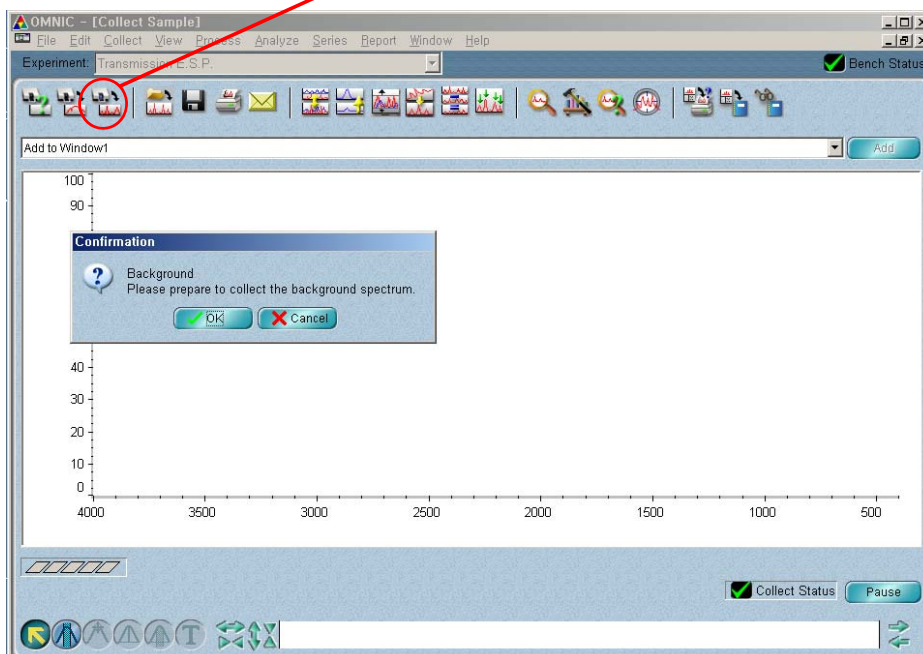
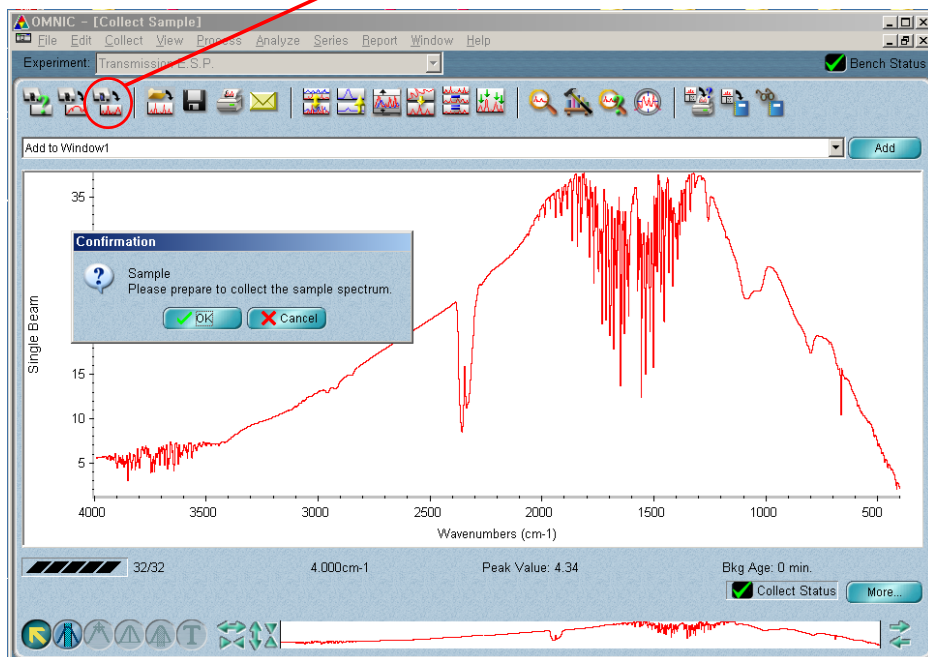1) pellet을 sample holder에 살짝 얹는다.

2) 장비의 뚜껑을 열고 injection port에 넣는다.
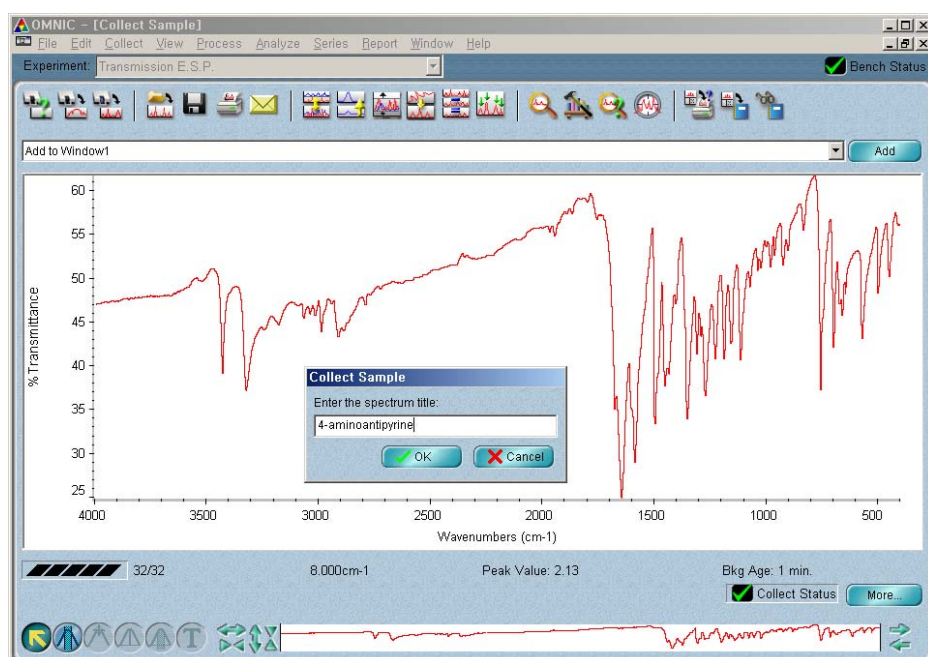   - 이때 pellet이 IR내부에 떨어지지 않도록 주의!

5. Collect sample 클릭 : KBr pellet 넣고 OK 클릭

6. Collect sample 클릭 : sample을 넣고 OK 클릭

7. Tile 입력 후 OK 클릭

8. Data 저장 : Save As에서 CSV TEXT로 저장(엑셀에서 열수 있음)

5. Collect Background 클릭 : KBr pellet 넣고 OK 클릭(background data 얻을때)