

초분광 측정 데이터 – 방열패드 보호필름

SPECIM FX series

FX10e (400 ~ 1000nm)

FX17e (900~1700nm)

촬영 장비 – SPECIM FX10e



주요 사양

Spectral range	400 ~ 1000nm
Spectral bands	224
Spectral FWHM	5.5nm
Spatial sampling	1024 pixels
FOV	38 deg
Frame rate	327 fps with full frame 9900 fps with 1 band selected
Camera SNR (peak)	420 : 1
Camera interface	GigE vision
Dimensions	150 x 85 x 71mm
Weight	1.3kg

촬영 장비 – SPECIM FX17e



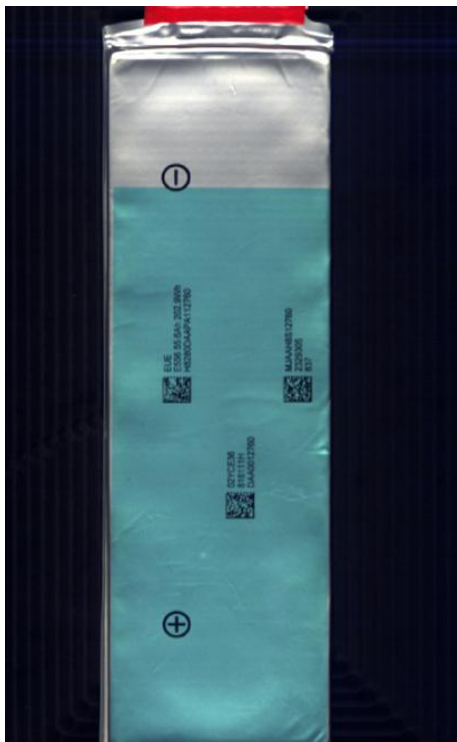
주요 사양

Spectral range	900 ~ 1700nm
Spectral bands	224
Spectral FWHM	8nm
Spatial sampling	640 pixels
FOV	38 deg
Frame rate	527 fps with full frame 15000 fps with 4 bands selected
Camera SNR (peak)	1000 : 1
Camera interface	GigE vision
Dimensions	150 x 85 x 75mm
Weight	1.56kg

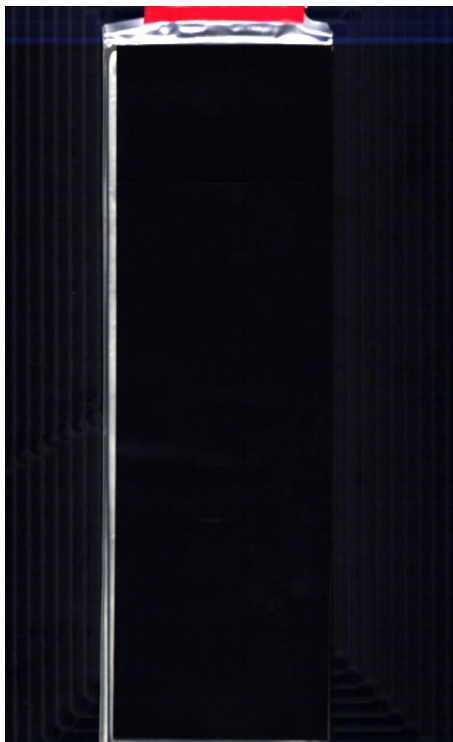
샘플 촬영 조건 – FX10e 4세트



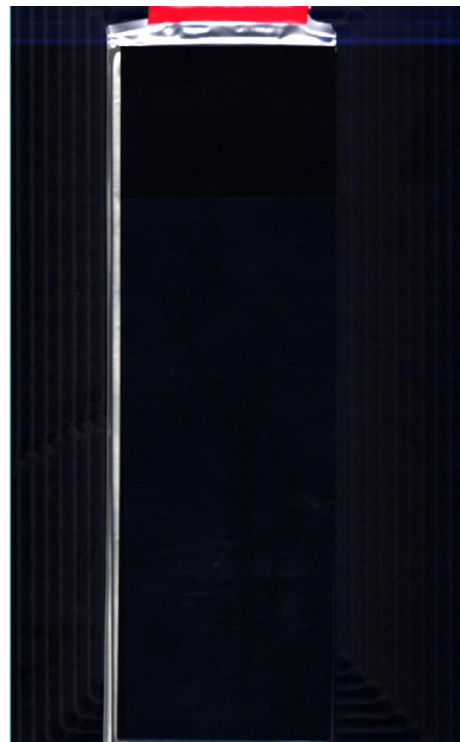
1. 배터리셀 - 투명필름



2. 배터리셀 - 파란필름



3. 방열패드 - 투명필름



4. 방열패드 - 파란필름

샘플 촬영 조건 – FX17e 4세트



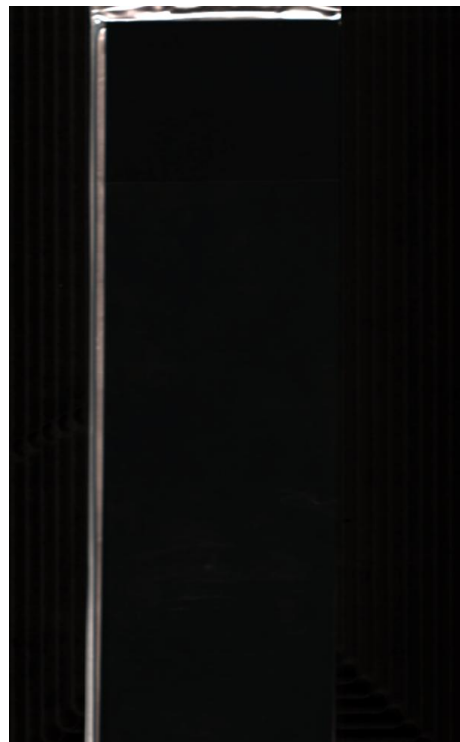
5. 배터리셀 - 투명필름



6. 배터리셀 - 파란필름

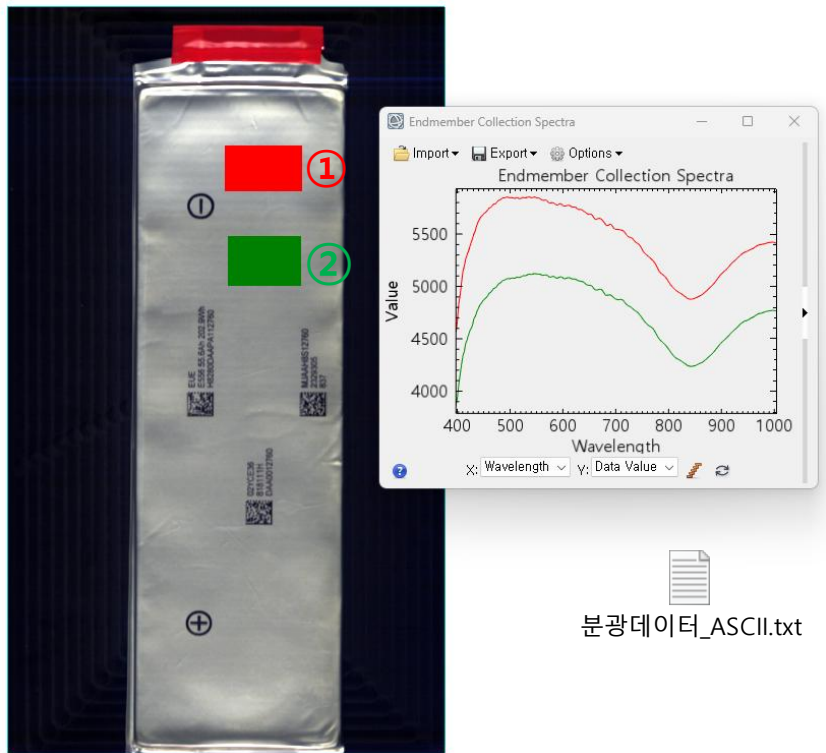


7. 방열패드 - 투명필름

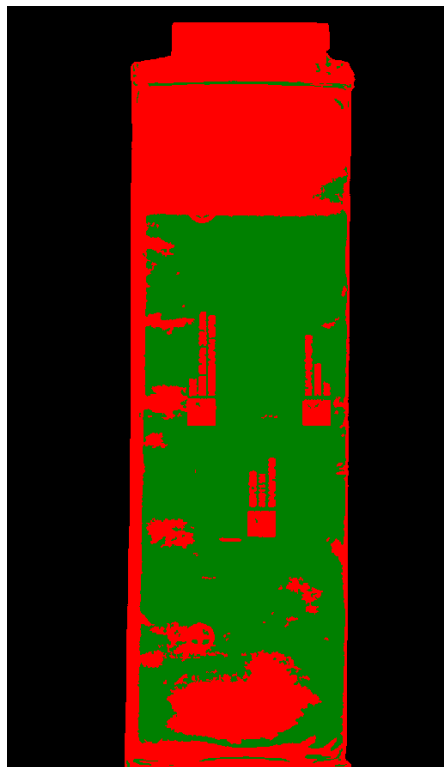


8. 방열패드 - 파란필름

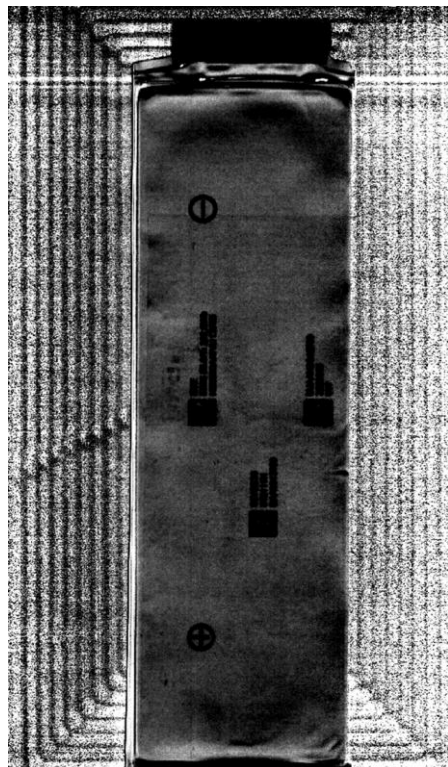
1. FX10e : 배터리셀 - 투명필름



A. RGB 이미지 & 영역 분광데이터

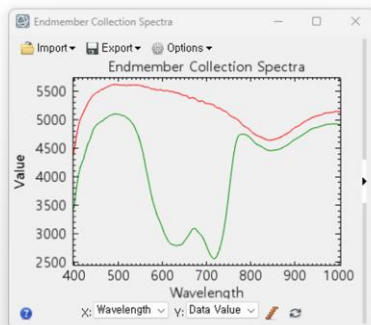
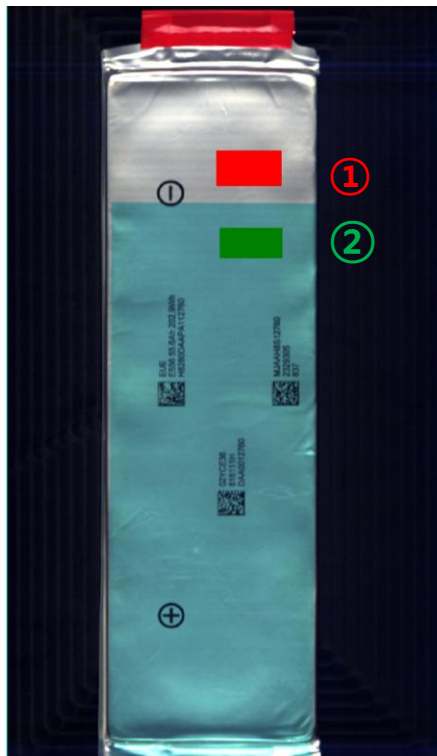


B. SAM 분류

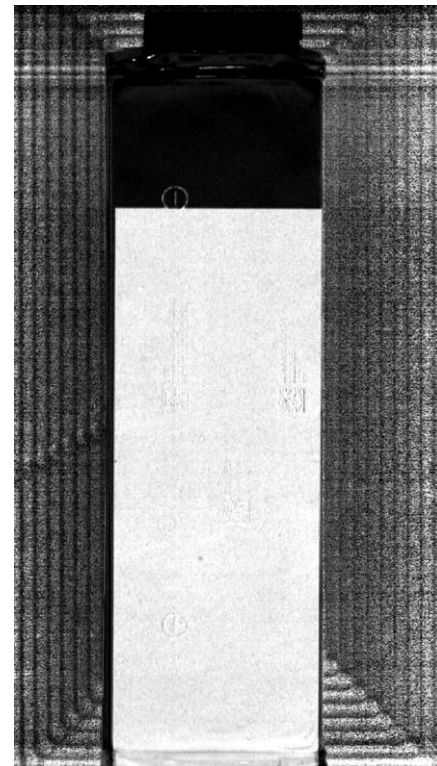
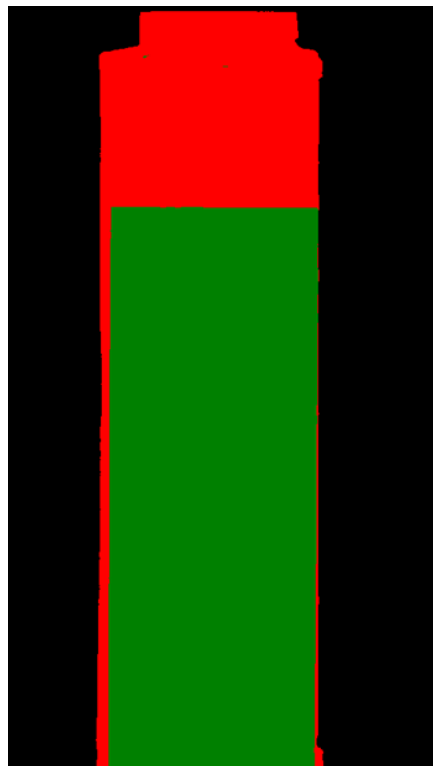


C. Bandmath : 497nm / 655nm

2. FX10e : 배터리셀 - 파란필름



분광데이터_ASCII.txt

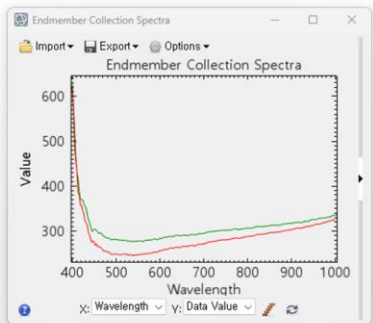
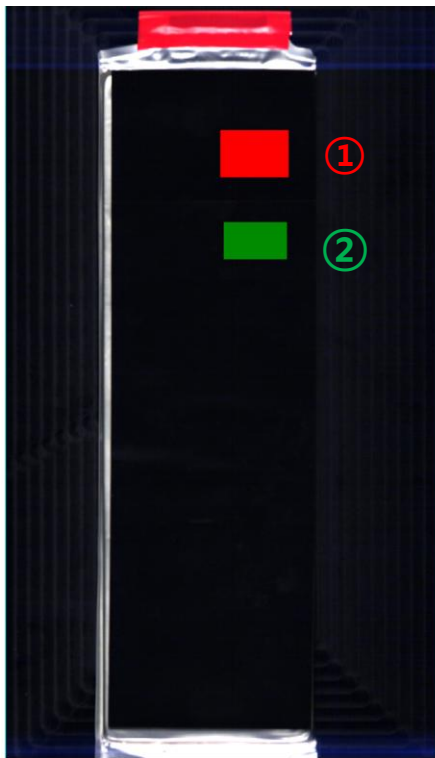


A. RGB 이미지 & 영역 분광데이터

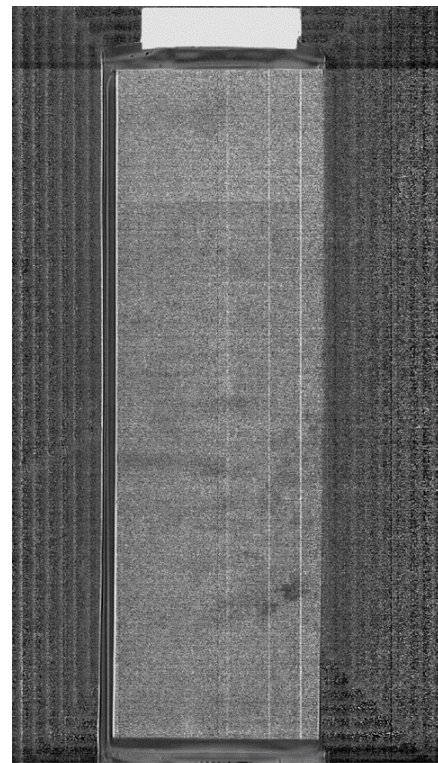
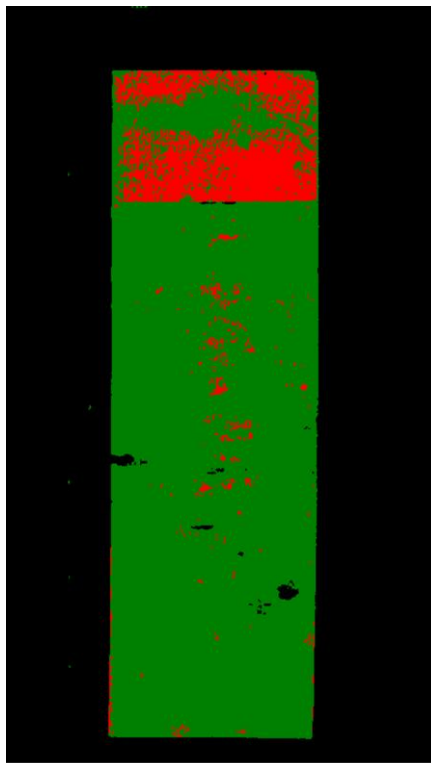
B. SAM 분류

C. Bandmath : 497nm / 628nm

3. FX10e : 방열패드 - 투명필름



분광데이터_ASCII.txt

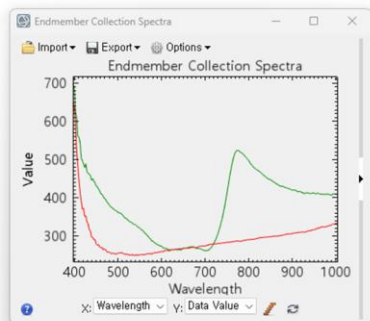
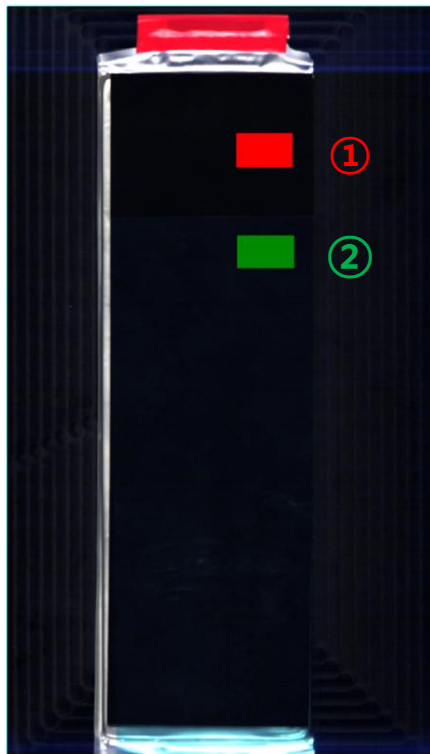


A. RGB 이미지 & 영역 분광데이터

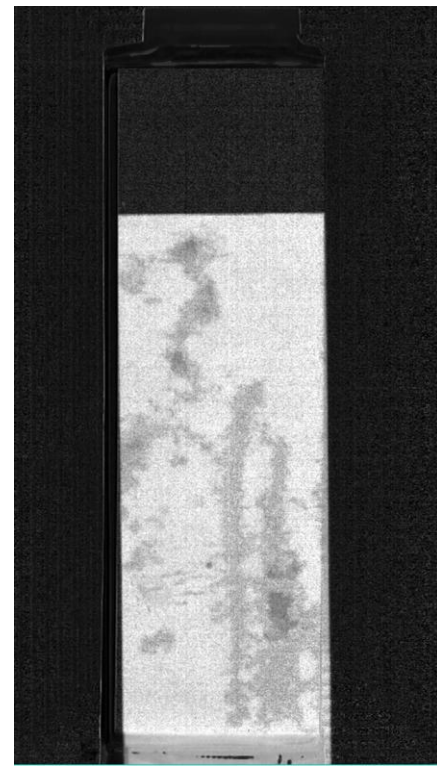
B. SAM 분류

C. Bandmath : $897\text{nm} / 526\text{nm}$

4. FX10e : 방열패드 - 파란필름



분광데이터_ASCII.txt

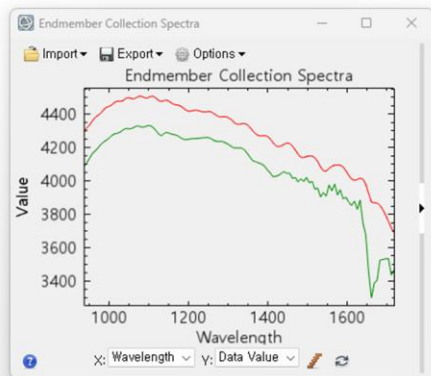


A. RGB 이미지 & 영역 분광데이터

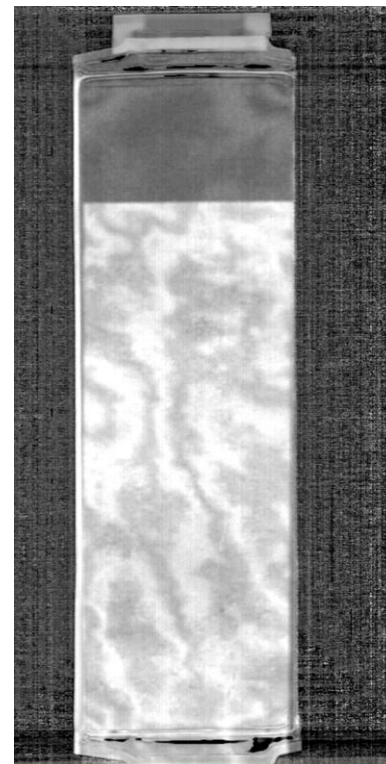
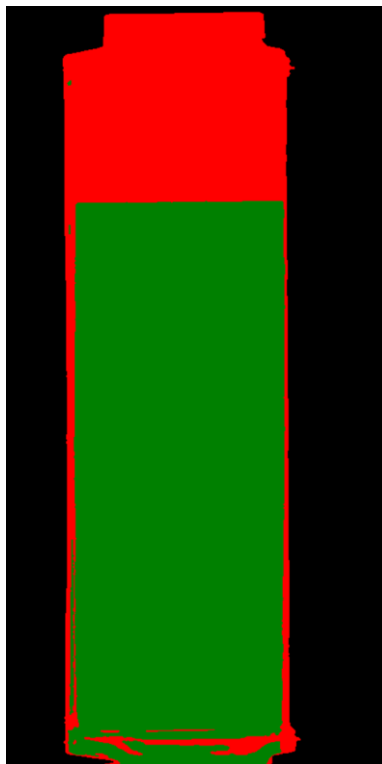
B. SAM 분류

C. Bandmath : 772nm / 707nm

5. FX17e : 배터리셀 - 투명필름



분광데이터_ASCII.txt

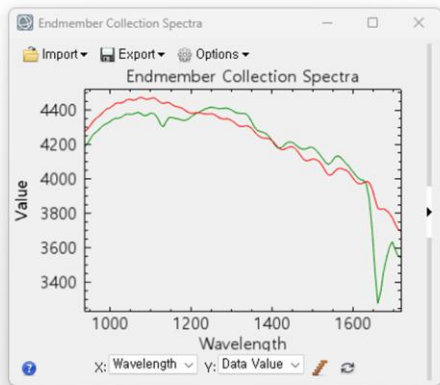
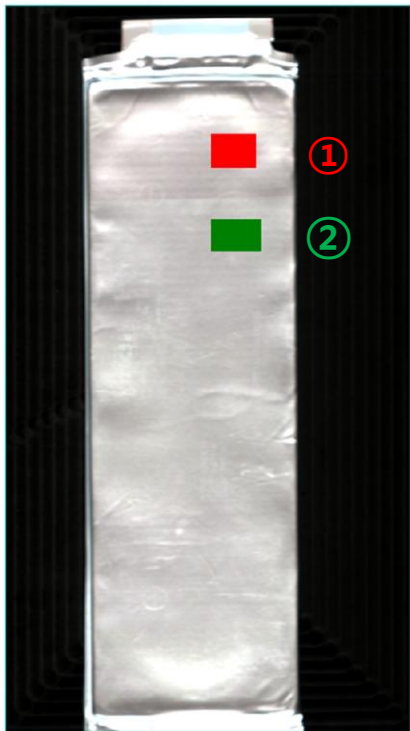


A. RGB 이미지 & 영역 분광데이터

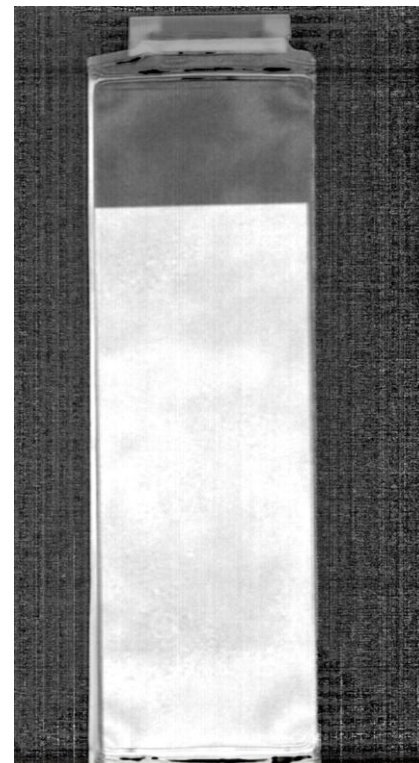
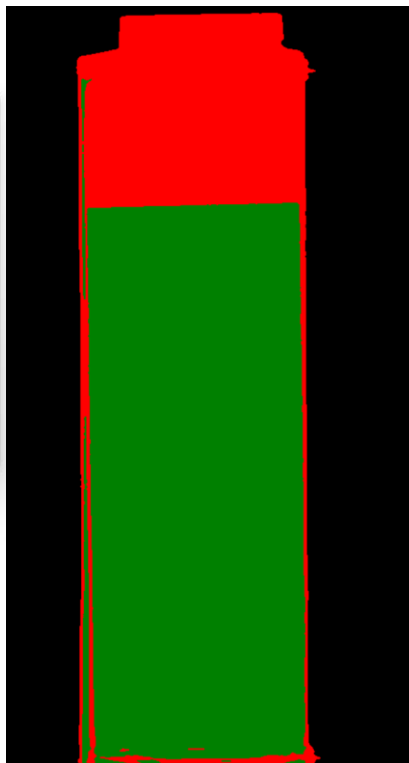
B. SAM 분류

C. Bandmath : 1632nm / 1661nm

6. FX17e : 배터리셀 - 파란필름



분광데이터_ASCII.txt

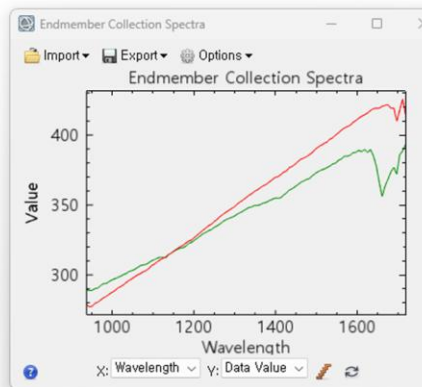
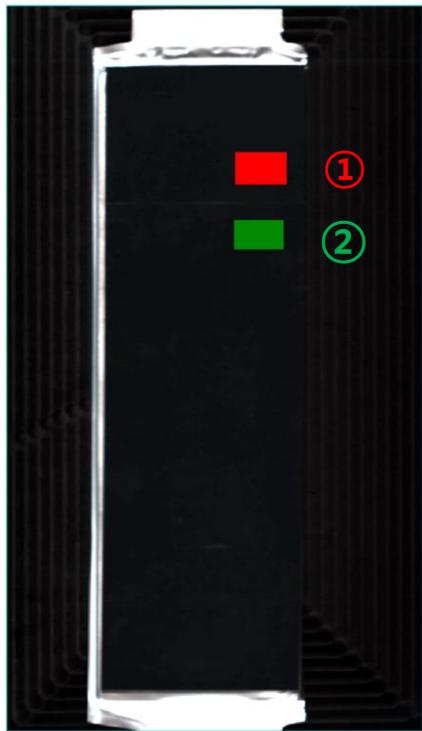


A. RGB 이미지 & 영역 분광데이터

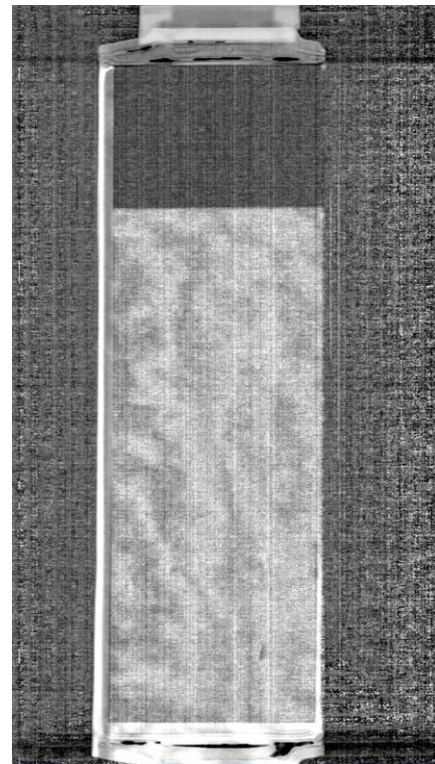
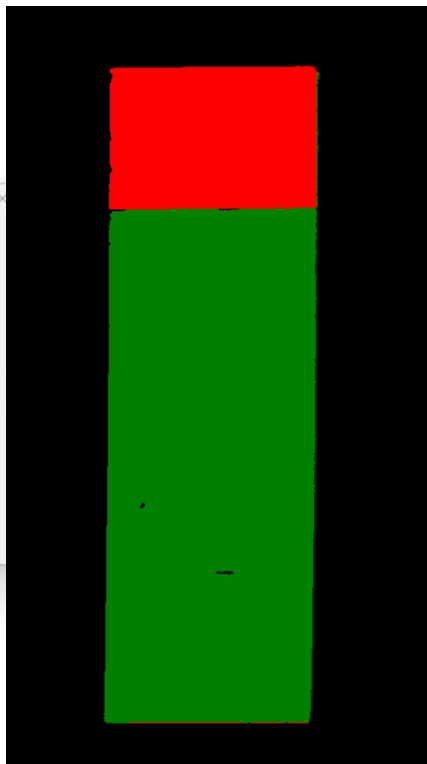
B. SAM 분류

C. Bandmath : 1632nm / 1661nm

7. FX17e : 방열패드 - 투명필름



분광데이터_ASCII.txt

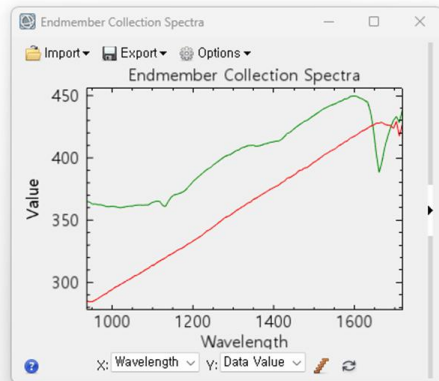
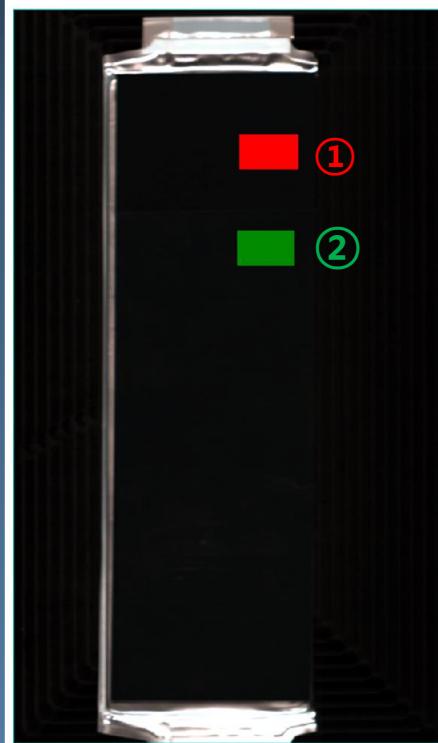


A. RGB 이미지 & 영역 분광데이터

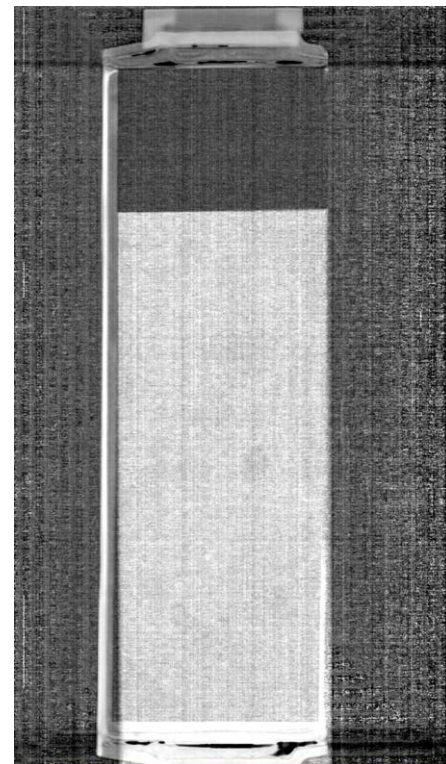
B. SAM 분류

C. Bandmath : 1632nm / 1661nm

8. FX17e : 방열패드 - 파란필름



분광데이터_ASCII.txt



A. RGB 이미지 & 영역 분광데이터

B. SAM 분류

C. Bandmath : 1632nm / 1661nm