

# POSAM-VS

POrtable SpectorAdiometer for Mineral identification-VNIR & SWIR

geotechnos



## Concept

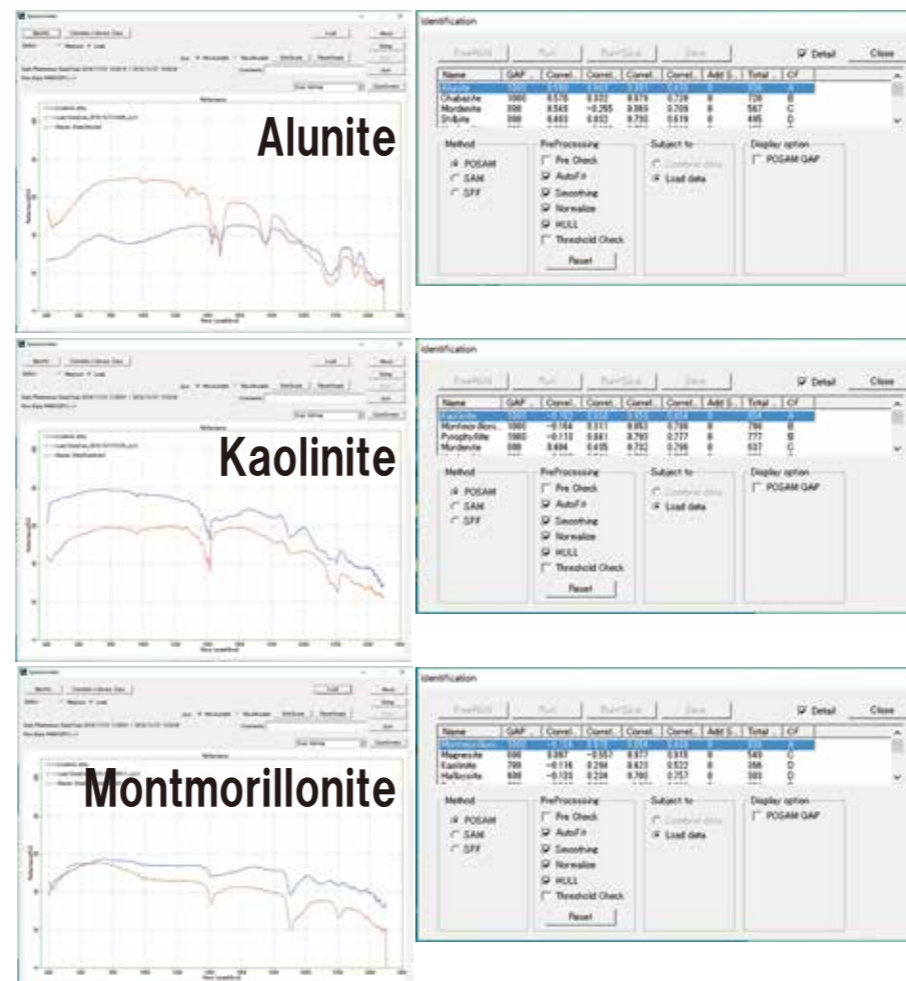
- ◆Wide range spectrometer for hyperspectral image analysis.
- ◆Rapid measuring and identifying on mineral exploration field.

## Characteristics

- Portable Measuring and Identifying in the field.
- Rapid Scanning and Identifying time : < 2 seconds
- Easy Operartion by simple key sequence.

## Target minerals

- Alteration minerals
- Oxidized copper minerals
- Rare earth elements



## Specification

### Dimensions

size : D330×W160×H240mm  
weight : 6.0kg (without Battery)

### Spectrometer

spectral range : 400-2,500nm  
spectral resolution : 3nm@ 545nm  
4nm@1130nm  
12nm@1600nm

scanning time : < 1 second

### Probe

bundled fiber optic

### Lightsource

halogen - tungsten lamp

### Power

Li-ion battery (DC14.8V 10Ah)  
DC12V 2A  
AC100-240V