



Innovator In Spectroscopy Equipment

# SPECT2113

## ANALYSIS



CFP PORTABLE SPECTROMETER  
SPECT2113 - SN130424 - 001  
MADE IN IRAN

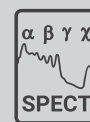
**DIGITAL PORTABLE  
SPECTROMETER  
MODEL SPECT2113  
(ANALYSIS)**



[www.cfp.co.ir](http://www.cfp.co.ir)



CATALOG



SPECTROMETER



FREE DOWNLOAD

## Application

### •Public:

- Monitoring and controlling the background dose and activity and identification of radioactive materials.
- Radiation monitoring mapping

### •Industry:

- Metal recycling
- Well-logging
- Oil and gas industry
- Geological surveys
- Geological and raw material survey
- Nuclear waste management and disposal
- For identification of gamma sources in every industry that uses radioactive material and sources.

### • Medical:

- Radiation protection of patient and doctors in using radiopharmaceutical and radiation therapy.
- Nuclear medicine laboratories.
- Health physics (contamination monitoring on Surfaces, clothing and objects etc.).

### •National Security:

- Equipping the personnels and guards in the border.
- Equipping the security guards in the strategic centers.
- Radiation protection measurement in nuclear disasters.
- Secondary check for Radiation Portal Monitoring in borders to identify the source of radioactivity.

### •Defense:

- Equipping the soldiers and guards in the border or any areas with danger of radiation.

## Features

- Built-in analysis software.
- Large full color 4.3-inch display.
- Extreme sensitivity to gamma-rays.
- Fast and accurate analysis procedure.
- Radioisotope library with 28 elements.
- KML output for GIS software (Optional).
- Geometry settings for increased accuracy.
- Audio output with the adjustable threshold.
- NaI(Tl) scintillator with high detection efficiency.
- Accurate analysis based on customized decision tree.
- Element category detection (NORM, Industrial, SNM and Medical).
- No radioactive sources required for proper operation.
- Integrated GPS module for absolute timing and localization of data.
- Continuous operation under severe environmental conditions.
- Automatic logging of scan data with GPS-referencing for further analysis.
- Auto-stabilizing in different environmental conditions.
- Recording and storing measurement and analysis results.
- Capability of connecting to PC over USB for data transfer.



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