



Innovator In Spectroscopy Equipment

# LGS2515

2" & 2.5" & 3"



**LAB GAMMA  
SPECTROMETER  
(2 & 3) LAYER SHIELD  
MODEL LGS2515  
(2", 2.5" & 3")**

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



CATALOG



SPECTROMETER



FREE DOWNLOAD

## Application

- **Agriculture:**  
Monitoring and controlling the radioactivity of agriculture products.  
Monitoring and controlling the radioactivity of water or any liquid
- **Safety and security:**  
Monitoring and controlling the radioactivity of food for public or important people.  
Monitoring and controlling the radioactivity of water or any liquid  
Due to the speed of analysis, it can be used in any meetings, conferences and ... for insurance of food safety  
Radio-immunoassay and analysis of environmental samples.
- **Medicine:**  
Analysis and measurement of radioactivity in nuclear medicine
- **In-vitro test.**
- **Inspection:**  
Food samples inspection in the entrance of border or in any suspected situation



## Features

- Field Gamma spectrometer.
- Mining and mineral analysis.
- Monitoring nuclear facilities.
- Radiation protective measures in case of nuclear disasters Radionuclide laboratories.
- Environmental monitoring.
- Environmental science and industrial uses of radioisotopes.
- Research in materials.
- Closed measuring chamber with scintillation detector.
- Efficient scintillator probes (2", 2.5" or 3" NaI(Tl)) with 2 or 3-layer shield (in 6 version).
- Extreme sensitivity to gamma rays.
- Clear, immediate indication if any nuclide-specific maximum permissible concentrations are exceeded.
- Supports all data extraction and reanalysis data.
- 4096 channels spectrum presentation.
- Very high count rate.
- High sensitivity and uniform response.
- High efficiency.
- Low limits of detection and decision.
- Documentation of measured values.
- Unique Full Spectra Analysis method.
- Simultaneous and separate measurement.
- Ready for field operation.
- Continuous operation under severe environmental condition.
- Operation in a wide temperature range.
- Special rugged design, waterproof against streaming water and fully dust protected.



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