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Handheld Gamma Spectrometer



Introduction:

HZYH-01 standard handheld gamma spectrometer is mainly used to identify the types and categories of radionuclides in radioactive material on site, to detect and alarm gamma radiation level, and to search and locate radioactive sources.

Our spectrometer is mainly aimed at the requirements of radionuclide identification on-site. It is suitable for nuclear security, radiation safety monitoring in nuclear facilities, nuclear safety monitoring in crowds, goods, or at transportation gateways. Under normal conditions, it is operated and maintained by professionally trained staff. The device can also be used in nuclear industry, nuclear medicine, radioactive hygiene, environmental protection agency, customs, military, scientific research, school, chemical industry, geological survey, nuclear security etc.

Key Features

- Versatility, including dose rate measurement and alarm, radioactive source search and radionuclide identification, meet the actual requirements on site.
- Wide gamma radiation dose rate range, to achieve natural background to 1 Sv/h.
- Various operation modes, including dose rate measurement mode, search mode, and radionuclide identification mode.
- Automatic energy calibration and spectrum stabilization, not affected by environmental temperature and measured in a long time.
- Favorable control and display on spectrum measurement, friendly human-machine interface, and easy operation.
- Advanced self-diagnosis tools, such as faults detection, and pulse waveform display.