



## ● Deep-water HPGe Gamma Spectrometer

### APPLICATION

Deep-Water gamma-spectrometer is applicable to the registration of gamma-radiation from radionuclides in monitoring of the sea bed for objects from marine accidents, submarine storage of radioactive wastes, search of lost nuclear charges, inspection of radionuclide migration, etc.

### FEATURES

- Long-lasting independent functioning at great depths
- Programmable control with built-in microprocessor device
- Independent detection and accumulation of gamma -spectra for a predetermined time
- Recording and storage of gamma-spectra for an unlimited time period
- Possibility of reading and processing data using computers after retrieving the spectrometer

### COMPLETE SET

- HPGe coaxial detector
- Cryostat combined with cryoaccumulator for detector cooling
- Spectrometric device with microprocessor and data transfer devices
- Durable waterproof housing with power supply for the spectrometer, allowing spectrometer to dive to depths of up to 3000 meters
- External equipment for cryoaccumulator cooling and refilling with liquid nitrogen
- Work station equipped PC with software for spectra visualization and radionuclide identification

