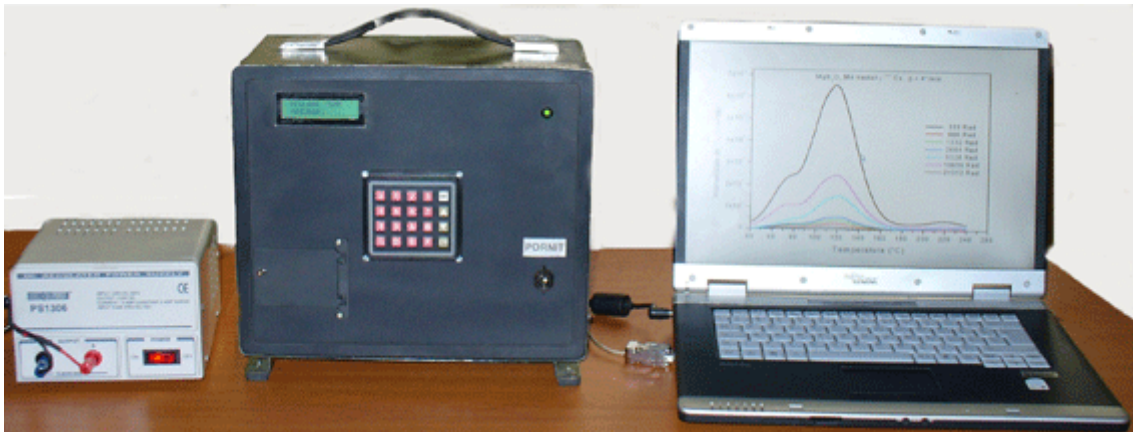


## Device for determining exposure doses



### FUNCTIONING METHOD:

- Evaluation of maximum dosimetry phosphorous MgF<sub>2</sub>:Mn;
- Minimum dose: 10 cGy.

### APPLICATIONS:

- Determination of irradiation doses in nuclear equipment;
- Evaluation of radioactive contamination level;
- Detection of illegal transport of radioactive materials;
- Establishment of radiometer regime for environment and population;
- Monitoring of radioactive wastes storage;
- Establishment of correlation between the structural changes of irradiated materials and energetic transfer during the accelerated ageing in ionizing radiation field (materials studies).