



Air radioactivity measurement metres

The PI-MSKA 02 POW air radioactivity measurement meter is designed for the early detection of radioactive contamination in the atmosphere. The air contamination is detected on the basis of the analysis particles collected on the filter. Sampling may be carried out in changing weather conditions, such as: temperature, pressure, humidity. This method enables precise execution spectrometric measurements of natural and artificial radionuclides in a wide range of their concentration. All equipment is installed in free-standing station housing. The meter allows constant checks (online) the degree of air pollution. Measurement results are provided on a regular basis at the distance by radio to the monitoring center.



**PI-MSKA 02 POW meter for measuring radioactivity air
- general view.**

Functions

- continuous spectrometric measurement of radiation radioactivity gamma of aerosols collected on the station filter;
- collecting spectrum with automatic stabilization and analysis of measurement results in 8 measurement windows using a PC;
- registration of the radiation dose rate as a function of the amount of flow air through the filter;
- cooperation with a computer via the RS 422 / RS 485 interface.



POLON - IZOT sp. z o.o. continues business activities of world-known company POLON United Nuclear Devices Works, established in 1956 which functioned as Office of Nuclear Technology Devices.

We closely co-operate with Central Radiological Safety Laboratory (Warsaw), Radiochemistry and Nuclear Technology Institute (Warsaw), Atomic Energy Institute (Świerk) and Institute of Physics at Warsaw University. Our long experience in narrow specialization allows us to reduce production costs, what gives our products very competitive price.

The company holds Permits of the Ionization Radiation Application Supervision Department of the National Atomic Agency of Poland for the manufacture of isotopic equipment and XRF spectrometers.

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