

The procedure for working with an individual dosimeter ID-1

Dose meter ID-1 provides measurement of absorbed doses of gamma-neutron radiation in the range from 20 to 500 rad



The kit includes 10 dose meters and a piezoelectric charger. An external power source is not required to set the risks of the dosimeter scale to "0".

Charger



It is made in the form of a pen (pencil) and consists of an ionization chamber, an electroscop, a capacitor, a microscope and a contact group in an aluminum housing.

When exposed to ionizing radiation, a current arises in the volume of the charged ionization chamber. In this case, the thread is deflected and its deviation is measured with a microscope on a scale graduated in rad. The scale has 25 divisions, the division is 20 Rad.

