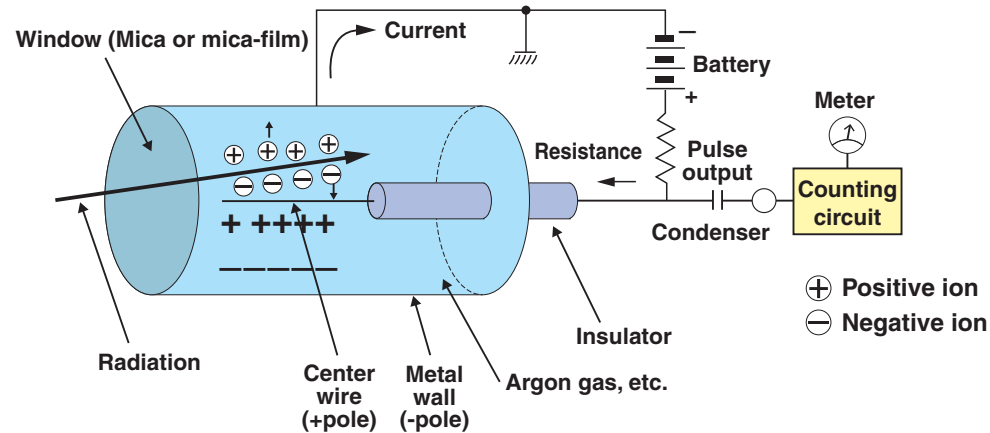
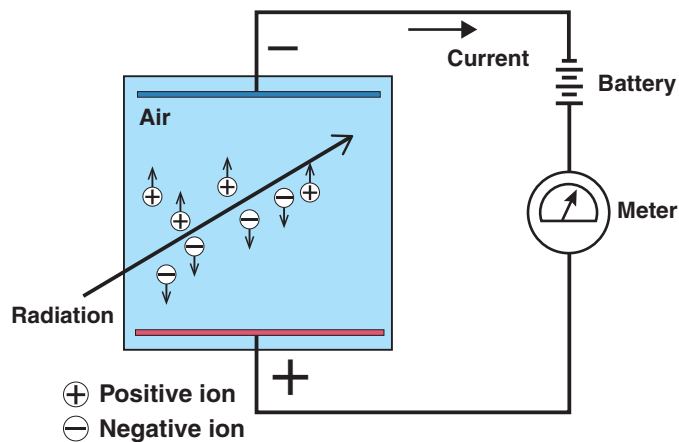


Operating Principles of Radiation Measuring Instruments

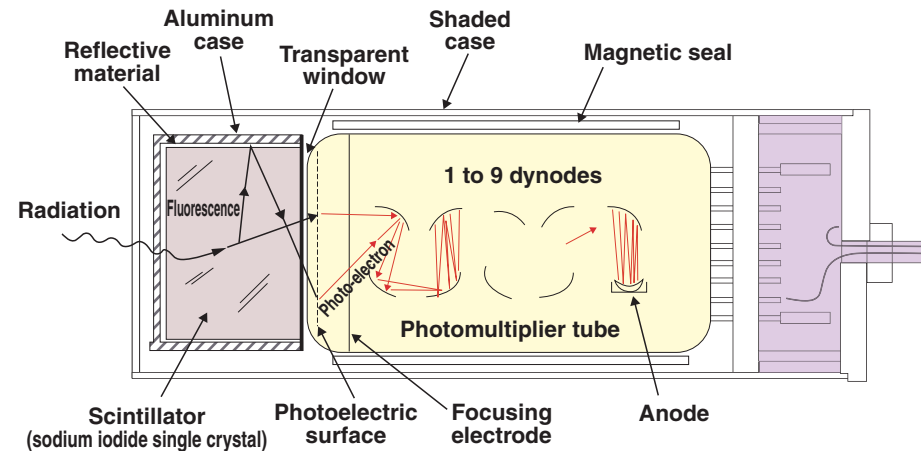
Geiger Counter



Ionization chamber



Scintillation Detector



(Note) It is necessary to measure microcurrents in the range of $10^{-9} \sim 10^{-14}$ with the ionization chamber.

When fluorescence strikes the photoelectric surface of the scintillation detector, electrons are kicked out and this is multiplied by the dynodes (multiplier electrodes), which allows a greater electrical signal to be obtained.