

photoemissive detector

Also contains definition of: external photoelectric effect

A detector in which a photon interacts with a solid surface, which is called the photocathode, or a gas, releasing a photoelectron. This process is called the external photoelectric effect. The photoelectrons are collected by an electrode at positive electric potential, i.e. the anode.

Source:

PAC, 1995, 67, 1745 (*Nomenclature, symbols, units and their usage in spectrochemical analysis-XI. Detection of radiation (IUPAC Recommendations 1995)*) on page 1752