

spatially resolving detector

of radiation

A detector for the measurement of the spatial distribution of the radiation. Spatially resolving detectors can be divided into two groups:

1. the photosensitive area consists of a matrix of discrete photosensitive elements, the pixels (picture elements) forming an array with the facility to separately read out the information, simultaneously or sequentially.
2. the photosensitive area consists of a single photosensitive element that must be scanned (e.g. image dissection tube.)

Source:

PAC, 1995, 67, 1745 (*Nomenclature, symbols, units and their usage in spectrochemical analysis-XI. Detection of radiation (IUPAC Recommendations 1995)*) on page 1755