

PREVENTION



CALIBRATION OF RADIATION SURVEY METERS

Absence of radioactive source

- reduction of sanitary and environmental risks

Metrological control

- traceability of beam quality, control of experimental conditions

Broadened energy and dose rates ranges

- up to nine dose rate ranges measured over the whole energy measuring amplitude of the instrument

SAFETY

Calibration control of radiation survey meters is done by a **certified external laboratory** in order to ensure that ionizing radiation measuring instruments are working properly. This obligation applies for instance to radiation survey meters calibrated in equivalent ambient dose rate.

ATRON provides calibration and calibration control of probes, survey meters and beacons using **realistic radiation fields connected to national standards by means of a primary dosimeter**. This breakthrough method, arising from three years of research, was developed in **partnership with the CNRS/LPCCaen and the CEA/LNHB laboratories**.