

HEALTH



CALIBRATION OF RADIATION SURVEY METERS

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Absence of radioactive source

- better metrological control and reduction of sanitary and environmental risks

Metrological control

- traceability of the used beams, measurement environmental conditions control

Extended ranges of energy and dose rates

- up to nine dose rate decades measured across the entire energy response range of the instrument

SAFETY

Calibration of radiation survey meters has to be done by **an accredited laboratory in order to verify** the correct functioning of ionizing radiation measurement instruments. This is for example the case of radiation survey meters calibrated in ambient dose equivalent rate.

ATRON is able to calibrate radiation survey meters using **realistic radiation fields connected to a reference source**. This breakthrough method, arising from three years of research, was developed **in partnership with the CNRS/LP-CCaen and the CEA/LNHB laboratories**.