



Center for Technology Transfer and Marketing

CTTM

IONIZATION CHAMBER-TYPE DETECTOR FOR THE DIFFERENTIAL MEASUREMENT OF ATMOSPHERIC RADON

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DESCRIPTION

The invention relates to a ionization chamber-type detector for the differential measurement of atmospheric radon. According to the invention, the detector is carried out in three embodiments of different volumes, in a first embodiment the detector comprising some casings of equal volumes, forming the voltage electrode, which are coupled and sealed by means of some attachment flanges, each casing being provided with nozzles with inlet and outlet olives, and a collecting electrode and a grid system as well as a system for coupling said elements to the associated electronic measuring instruments.

APPLICATION DOMAINS

Measurement of the volumic activity of radon and radioactive alpha gases in environmental samples using the system;

MAIN ADVANTAGES

Measuring systems, laboratory equipment

CONTACT

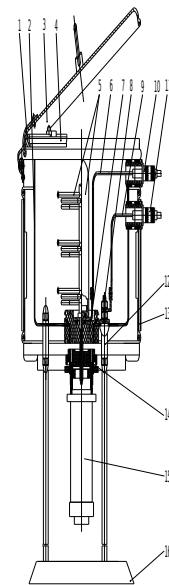
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POTENTIAL CUSTOMERS OR COMMERCIAL APPLICATIONS

Radiometric measurement laboratories, salt mines and gold mines, seismology, manufacturers/suppliers of building materials, chemical fertilizer facilities, etc.

KEYWORDS: Detector, ionization chamber, Radon