



RADON ANALYZER

NAICAM in collaboration with CERN Laboratories and INFN University developed highly precision real time radon detector RSC200 for civil and industrial applications.

Product Presentation 



Radon is cancer-causing radioactive gas. Colorless, odorless and occurs in nature as the decay of natural elements; testing is the only way to know your home's radon levels. RSC200 is a indoor real time radon monitoring device for homeowners and professionals

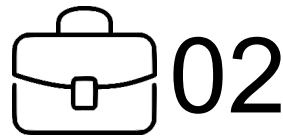
APPLICATIONS

EVERY HOME NEEDS
A RADON DETECTOR



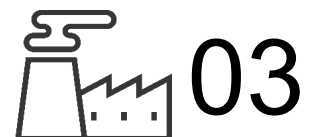
EPA affirm that 1/4 homes has dangerous radon levels and it is responsible for numerous lung cancer deaths per year.*

TIME SAVING TOOL FOR
RADON PROFESSIONALS



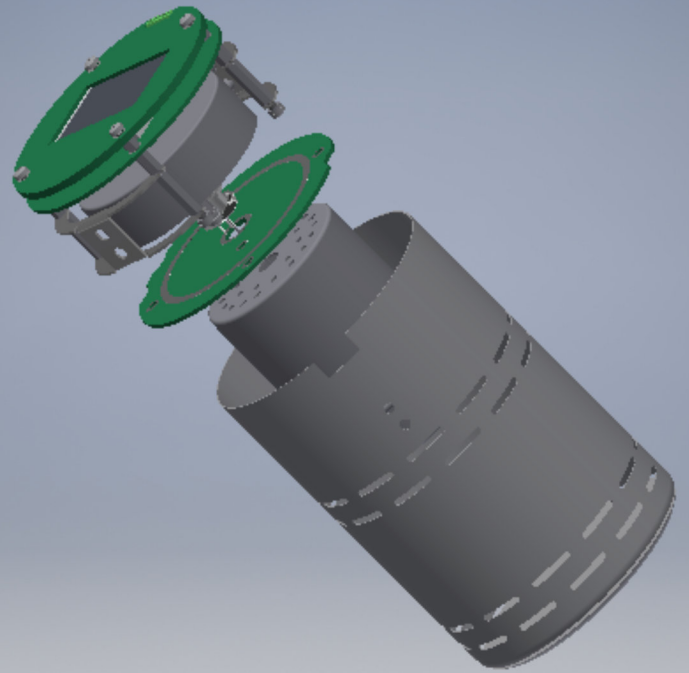
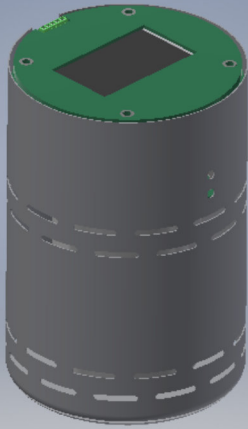
RSC200 is easy to use, to handle and has 50 times higher sensitivity than other handy radon detectors.

CUSTOM SOLUTIONS
FOR EVERY
ENVIRONMENT



A monitoring system can be custom designed to keep radon levels under control in factories, schools, public offices.

*Source: U.S. Environmental Protection Agency (EPA)



The RSC200 is small volume ion chamber that collect positive ion charges on the cathode of the cylindrical volume

SPECIFICATIONS

Type: ion chamber 200 ml.

First reliable data out: after 16 sec.

Data interval output through RS232 port: each 500 msec.

Data communication: UART RS232

Maximum count registration: 100 Bq/sec.

Sensitivity : 0.5 pCi/l at 10pCi/l. - (cpm/1000Bq/m³) - 20

Operating range: Temperature 10~50°C, Humidity RH < 90%.

Range: 0,5 pCi/l ~ 2700 pCi/l (100000Bq/m³).

Error: < 10%.

Display: Graphics LCD 128x64 pixel.

Power Supply: 6 VDC

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ABOUT US

NAICAM specialize in building low noise electronics and find complex solution for scientific projects and industrial process control. Years of experience in design complex electro-mechanical connection between particle detectors and front-end electronics. Our main goal is to provide high quality performance product.

