



EcoQube®

EcoQube is a palm-sized intelligent radon detector for consumers with outsized features. The patented detection technology powers fast, accurate and reliable results. Robust wireless connectivity securely delivers the results and alert notifications straight to your smartphone.

A portable instrument for private home

The EcoQube is always monitoring to provide accurate radon levels and displays a real time status using a 3-color LED on the front side. Keeping track of indoor radon levels is made easy and intuitive by having EcoQube pair with a user-friendly smartphone app for set-up, configuration, monitor real-time levels, historical trend charts, alert notifications and sharing results with family and friends.

About EcoQube

- The first measurement result is obtained within 10 minutes, with a more reliable result acquired within the hour, this compares to other instruments that can take up to 24 hours.
- The instrument provides a statistical measurement uncertainty at an hourly average time that is better than $\pm 15\%$ (@ 200 Bq / m³, 1 hp dev).
- Wi-Fi connected - easily connects to Wi-Fi router in the home. No other wireless equipment is needed.
- Smartphone App (Android, iOS) makes it possible to monitor radon levels in real time anywhere, anytime.
- Ideal solution for monitoring how radon levels vary following a radon reduction measure or a change in ventilation.
- More accurate than other instruments for home use with an industry-leading sensitivity of 40 pulses per hour at 50 Bq / m³ (30 times more sensitive than industry standards).

Technical Specifications

Radon sensor	Pulsed Ion chamber
Sensitivity	40 pulses per hour at 50 Bq / m ³
Precision	< + 10% at 400 Bq / m ³ after 10 hours
Data interval	Updates the measured value every 10 minutes
Measurement interval	Stores data in the cloud every hour
Measuring range	7 - 3700 Bq / m ³
Wireless connection	Wi-Fi
Alarm	3 colour LED display on the front
Power supply	5V, 1A external power adapter
Weight	110 grams
Temperature range	0–40 ° C
Dimensions	(height, width, depth) 65 mm x 65 mm x 80 mm



Radonova Laboratories offers advanced measurement and consulting services in the field of ionising radiation. Using our ISO 17025 accredited system we establish the correct management and technical requirements to achieve accurate results for our customers. Our measurement products, which for example includes **ATMOS®**, **SPIRIT®**, **Rapidos®** and **Radtrak³®**, is available globally and can be applied to dwellings, multifamily homes, workplaces, mines, institutions and wherever radon gas poses a health threat.