

# Rad Elec Inc.

## E-PERM<sup>®</sup> SYSTEM

ELECTRET ION CHAMBER TECHNOLOGY

### Decision Maker Fact Sheet

#### E-PERM<sup>®</sup> is EPA Accepted

- E-PERM is the first and only radon monitor incorporating Electret Ion Chamber Technology. E-PERM is tested, accepted, and listed by the U.S. EPA, and is nationally recognized as the state-of-the-art technology in the radon measurement industry.
- E-PERM is designated by the EPA as the “EIC, EP, or EC” method.
- The EPA has listed more successful tests using E-PERM (397) than any other method. In fact, 94% of all of the 1989 EPA RMP Round 6 E-PERM entries passed; more so than any other technology.

#### E-PERM's<sup>®</sup> Performance is Unsurpassed

- System error is less than 8%.
- E-PERM is a true radon integrating method, able to detect any variation in radon concentration, with excellent precision.
- E-PERM is not affected by humidity or normal temperature variations.
- E-PERM is the most popular method for radon testing. New users are added every week.

#### The E-PERM<sup>®</sup> System is Versatile

- The simplicity of operating the E-PERM System is unique to electret-ion chamber technology. There is nothing else like it!
- E-PERM performs both short-term and long term measurements. Long-term electrets during follow-up measurements; chambers and measurement equipment perform identically in either case.
- Measurement results can be determined in the field, on-site.
- E-PERM can provide accurate screening measurements within two days. The length of exposure is not limited; the longer the exposure, the better the representation of radon levels over time.
- School personnel can be trained to assist in testing the facilities, or in developing programs to perform the entire testing activity with an in-house E-PERM System. E-PERM is the only technology to offer the options of partial or complete in-house measurement capabilities.

#### E-PERM<sup>®</sup> is Cost Competitive

- The measurement costs will vary with the number of tests, which are a function of the test duration and radon level. In most situations, E-PERM costs less per measurement than any of the applicable methods, such as charcoal absorption and alpha track. **E-PERM is more than competitive because its accuracy and efficiency are bonuses.**
- There are many excellent radon measurement and engineering firms who specify E-PERM as their choice for accurate, cost effective surveys.
- E-PERM is specified in winning bids throughout the world.

E-PERM<sup>®</sup> a trademark of Rad Elec Inc.  
[www.biomation.com/radon](http://www.biomation.com/radon)

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