

E-PERM[®] SYSTEM FOR RADON TESTING

ELECTRET ION CHAMBER TECHNOLOGY

Decision Maker Fact Sheet



E-PERM[®] is C-NRPP Listed

- E-PERM incorporates electret ion chamber technology.
- E-PERM is tested, accepted, listed by the NRPP, and is internationally recognized as the state-of-the-art technology in the radon measurement industry.
- E-PERMs have been popular for many years. 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 Performance is Unsurpassed

- System error is less than 8%.
- E-PERM is a true radon integrating method, able to accurately follow 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.

ION CHAMBER TYPE

		H	S	L	L-OO
ELECTRET TYPE					
ST		2 Days	2 – 10	14 – 80	14 – 80
MT		2 – 4	6 – 30	45 – 180	45 – 180
LT		4 – 14	21 – 120	150 – 450	150 – 450

By selecting the appropriate ion chamber and electret type, E-PERM detectors can be deployed from 2 to 450 days.

The E-PERM System is Versatile

- The simplicity of operating the E-PERM System is unique to electret ion-chamber technology.
- E-PERM performs both short-term and long-term measurements. Ion chambers and measurement equipment perform identically in either case.
- Measurement results can be determined in the field or 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 the average radon level 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 is Cost Competitive

- The measurement costs will vary with the number of tests, which are a function of the test duration and radon level. E-PERM costs less per measurement than any testing methods.
- **E-PERM is more than competitive because of its accuracy and efficiency.**
- 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 many competitive tenders throughout the world.

