ABSTRACT OF THE DISCLOSURE

METHOD AND SYSTEM FOR DETECTING LEAK IN ELECTRONIC DEVICES

Disclosed are methods and systems for testing electronic devices for leak detection, wherein the test does not destroy the electronic devices. In one method of detecting a leak in a sealed package, a sealed package is placed in a test gas environment, thereby allowing the test gas to diffuse into an internal space of the sealed package through a leak formed in the sealed package. Thereafter, the sealed package is placed in an environment substantially free of the test gas and allowing the test gas to diffuse out of the internal space. The amount of the test gas in the test gas-free environment is detected. Based on the information obtained from the detection, it is determined whether the sealed package has one or more unintended leaks based on information obtained from the detecting.