PRESS RELEASE
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Food will keep longer with oxygen analyse tool

- HiQ helps PBI-Dansensor to develop new measuring tool for oxygen volumes

A new measuring system, produced by PBI-Dansensor in close partnership with HiQ, will make it easier, safer and quicker to achieve the best food packaging. The food producers using the tool will get their products out into the stores faster and can benefit from an optimum shelf life.

PermMate is a measuring system that analyses the volume of oxygen in all types of sealed packaging. Before foods are placed in supermarket chillers they go through a long control process to ensure the products are bacteria-free when they reach consumers. Packaging tests are an important part of this process. Laboratories test the permeability of oxygen into the packaging to ensure the products are labelled with the correct shelf life, but this testing takes time and has a large margin of uncertainty.

”Thanks to HiQ we have succeeded in creating a measuring system that streamlines and modernises the way the volume of oxygen in the package is analysed. The current sample tests take time and have a large margin of uncertainty precisely as the measurement is carried out on only a section of the package. With PermMate we can measure the whole package quicker than a sample test. And not least, it is more reliable. This means that companies that use PermMate can not only optimise their work processes, they can also optimise their cost prices. Packaging makes up a large part of the cost price, and PermMate reduces packaging waste,” says Peter Franklen, Development Manager at PBI-Dansensor.

PBI-Dansensor’s PermMate system consists of two instruments and a PC application. CheckMate II is an oxygen analyser, which works with the PermMate device via PC software.

”We learnt a lot from working with HiQ. The process was efficient we learnt a lot from Scrum, HiQ’s working method that they use to develop projects. Instead of developing non-stop and not testing until long into the development process, we were now able to test the product along the way. As a result, we were constantly making new discoveries about the product that enabled us to qualify it further as we went on. It was a very efficient process – and also a process we can learn from in the future,” concludes Peter Franklen.

The launch of PermMate is planned to take place before the end of the year, meaning that PBI-Dansensor will be the first in the market to offer such a product.

About PBI-Dansensor:
PBI-Dansensor is a worldwide supplier of instrumentation for quality and process control in laboratories. The company develops and produces innovative solutions based on advanced gas sensor technology. PBI-Dansensor’s solutions help clients to optimise and quality-assure their production processes.
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HiQ is an IT and management consultancy company focusing on high-tech solutions in the fields of communications, software development and simulation technology. The company is a leading player in these fields and the Nordic region is its domestic market. HiQ employs around 1,200 people at offices in the Nordic region and Eastern Europe. HiQ is listed on the Nordic Exchange’s MidCap list. For more information, please visit www.hiq.se.