

Press Release

The new LiMAX[®] measurement device

modern – compact – lightweight

„Liver function measurements have never been so easy" says Andrew Moore, CEO of Humedics GmbH in Berlin. In fact, the technicians at Humedics GmbH have managed to take the LiMAX[®] measurement device to a new design dimension.

Based on proven technology, the new model (FLIP 4.0) is modern, compact, lightweight and designed for flexible and safe clinical use. With its dimensions of just 32 cm x 18 cm x 42 cm and a weight of only 9 kg, it has a footprint which is only a little more than 2 sheets of A4 paper. It can be placed directly at the patient's bedside without any problem and is therefore ideally suited for the point-of-care use.



„The newly developed graphical user interface follows the familiar operating sequence, but in addition to the contemporary design and other innovations, it now impresses with step-by-step instructions for performing the LiMAX[®] test and an almost fully automatic determination of the LiMAX[®] value," explains Axel Luchterhand, Director of Engineering, who led the development project. All operating steps and data input is carried out via the 12.1" touchscreen, which has been seamlessly integrated into the device. Hidden within the device is the already well-known and patented highly sensitive measurement technology. This allows the smallest differences in the concentration ratio of $^{13}\text{CO}_2/^{12}\text{CO}_2$ to be measured and a patient's liver function to be determined precisely and reliably.

An optionally available equipment cart provides additional mobility as well as storage space for the LiMAX[®] test kits.

Andrew Moore is certain that „Customers will be excited about this new LiMAX[®] device“.

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About Humedics GmbH

Based in Berlin, Germany, **Humedics GmbH** is specialised in rapid and accurate liver function measurement using the LiMAX[®] test, an innovative technology for analysing exhaled air. The LiMAX[®] test provides physicians with a method for quantitatively assessing an individual patient's liver function capacity within minutes. This enables physicians to select treatment strategies and follow disease progression based on up-to-date knowledge of the functional health of the liver. Current applications, which have already been published in prestigious medical journals, include liver function diagnosis before and after liver transplantation, surgical planning for liver surgery (such as assessing how much liver tissue can be removed without increasing the risk of acute liver failure), and assessment of liver diseases such as fibrosis and cirrhosis. At present, more than 20 studies regarding new diagnostic indications are being conducted. These include diagnosing and staging of chronic liver diseases such as non-alcoholic steatohepatitis (NASH), as well as selecting, monitoring and managing different oncology treatment options. These studies, initiated by researchers, have already provided evidence of further potential for the LiMAX[®] tests. The LiMAX[®] test is in routine clinical use at more than 30 leading university hospitals in Europe. So far, more than 20,000 LiMAX[®] tests have been performed. The LiMAX[®] test is commercially available in Germany, Austria and the UK.