

Press release

22nd Feb. 2021

Intelligent packaging for rapid COVID-19 test

Faller Packaging develops EasyTake Box for Spindiag, a young medical technology company based in Freiburg

Faller Packaging has developed the EasyTake Box, a safe, space-saving and easy-to-handle solution to go with a rapid PCR-based COVID-19 testing system. The testing system for use at the point of care such as hospital emergency rooms, is based on insertable test cartridges. The cartridges must be sealed in hermetic packages and be kept close at hand at all times.

The development team at Faller Packaging in Waldkirch was commissioned by Spindiag GmbH, a young medical technology company based in Freiburg, Germany, to devise a smart packaging solution for transporting and storing the recently launched PCR-based COVID-19 rapid testing system's disposable cartridges. The result was the EasyTake Box.

This folding carton is designed so that users can easily take out the test cartridges with one hand: either from a chute or from the top in a ready-to-use tray. The EasyTake Box also has a built-in level indicator and a side pocket for the instructions for use. Colored labels allow the same package to be used for cartridges in other applications. The colours make it easy for users to identify the contents.

The EasyTake Box from Faller Packaging helps to save time and difficulties in hospitals and laboratories thanks to its smart, flexible design. It can thus play an important role in rapid, mobile COVID-19 testing using PCR. In addition, the box is made of pure monomaterial, which means it is fully recyclable.

"The EasyTake Box developed by Faller Packaging is perfect in-line with our goal of offering a safe, simple and efficient testing system," says Dr. Mark Keller, co-founder and Chief Product Officer Engineering at Spindiag GmbH. "We based our requirements on the demands of routine work in hospitals, which often can be very hectic. The colored labels allow the users to safely distinguish between different tests. In addition, the handy EasyTake Box with its smart design is easily integrated into clinical

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workflows and can be kept within close reach efficiently, even when there is little space available.”

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About Spindiag GmbH

Spindiag GmbH, based in Freiburg, Germany, was founded in 2016 by a team of internationally renowned experts in microfluidics, lab-on-a-chip technology and life sciences. The company developed an innovative PCR-based rapid testing system based on a proprietary microfluidic technology that had been investigated at the Hahn-Schickard Institute and the University of Freiburg. In the future, in addition to detecting SARS-CoV-2, the system will be able to support a wide range of differentiated hygiene decisions. Test cartridges under development will allow to identify numerous bacteria and viruses and their resistances in less than an hour. This will pave the way to fast and accurate decision-making at the point of care, thereby helping to break infection chains.

Meta-Title: Faller Packaging develops EasyTake Box for rapid COVID-19 testing

Meta-Description: Faller Packaging has developed safe, easy-to-use packaging for test cartridges made by the medical technology company Spindiag GmbH.

Keywords: Faller Packaging; packaging; medical technology; folding cartons; EasyTake Box; COVID-19; rapid test; test cartridges; Spindiag

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Overview of photos:

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Photo 1:



Faller Packaging has developed the EasyTake Box, a smart packaging solution for the Rhonda testing system.

Photo 2:



The EasyTake Box is designed so that users in hospitals can take out the test cartridges easily with one hand: either from a chute or from the top in a ready-to-use tray.

Photo 3:



Colored labels allow the same package to be used for test cartridges in different applications. The colours make it easy for users to identify the contents.

Photo credit:

Photo 1: Spindiag GmbH
Photo 2 and 3: August Faller GmbH & Co.KG

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About Faller Packaging

For more than 30 years, Faller Packaging has specialised in tailor-made, full-range solutions for secondary packaging materials for the pharmaceutical industry. The company is a single-source supplier that develops and manufactures folding cartons, package inserts, labels and combination products and delivers both standard products and special solutions based on customers' wishes. Digitalised, optimally harmonised processes ensure maximum efficiency, sustainable production and fast, reliable delivery times. In addition, Faller offers customised logistics services and supply chain concepts. As a result, the company is an expert partner for everything relating to the procurement and packaging of pharmaceutical and healthcare products.

In addition to its headquarters in Waldkirch in the German state of Baden-Wuerttemberg, Faller Packaging also has sites in Binzen, Großbeeren and Schopfheim as well as in Hvidovre in Denmark, Łódź in Poland and Debrecen in Hungary. The Worms-based subsidiary PackEx, which was founded in 2018, specialises in the manufacture of folding cartons in small and very small batches. In collaboration with the Irish company Perigord Premedia Ltd., Faller has set up a "Global Centre of Packaging Excellence" for artwork management, print consultancy and coordination. In total, August Faller GmbH & Co. KG has more than 1,300 employees