



PACK EXPO International 2016

## **Bosch debuts jelly lab equipment in North America**

Accurate product testing for jellies such as medicated and functional gummies

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- ▶ Lab depositor and drying room: key components for successful jelly testing
- ▶ Backed by years of experience in confectionery and pharmaceutical sectors
- ▶ Single-source solutions provider offering increased levels of support

Chicago, United States – At PACK EXPO International 2016, Bosch Packaging Technology will showcase its testing equipment for jelly production, including medicated and functional gummies, such as cough lozenges, omega-3 and mineral-enriched products, as well as other supplemented jellies. On display will be the laboratory depositor and drying room, which enable jelly producers to accurately test new products while quickly ramping up production of tested recipes to an industrial scale. North American manufacturers can now benefit from Bosch's extensive knowledge in medicated confectionery, plus its years of experience in the pharmaceutical sector as well as its complete system solution offerings; from raw material weighing and dosing, right through to end-of-line packaging.

“We see growing demand for functional and medicated jelly in the U.S. Jellies are seen by both producers and consumers as an ideal carrier for vitamins, supplements and active pharmaceutical ingredients,” said Frank Jansen, product manager at Bosch Packaging Technology. “As a result, manufacturers require a constant development of new recipes and products that can be tested with minimal upfront investments, while providing accurate results. At Bosch we are committed to delivering easy-to-use laboratory solutions, as well as complete production lines for jellies.”

### **Complete on-site testing capabilities**

At the show, Bosch will exhibit its GML03 lab depositor and the laboratory drying room – key elements to test jelly in smaller volumes, perfect for experimental or



seasonal product testing. The new technologies allow manufacturers to upgrade current products and develop new recipes without disrupting their regular production processes. With an exchangeable pump system and a choice of different sizes of servo-controlled pistons, the lab depositor is able to process a wide range of product formulas to produce jellies, hard candies, toffees, fondant and other confectionery masses, including single, one shot, striped and striped with filling. To ensure scalability of the process, the depositor features the same recipe precision and ability to recreate that recipe, as found on industrial equipment. The drying room allows for the total control of drying parameters, which are graphically recorded and visualised on a built-in PC for optimal quality assurance.

Both technologies can be purchased, or rented, reducing product development costs and significantly improving time to market.

#### **Quality backed by pharmaceutical experience**

Bosch brings its expertise from the pharmaceutical market to functional confectionery, ensuring that all Good Manufacturing Practices (GMP) and Food and Drug Administration (FDA) regulations are met. In addition, Bosch's full-scope technologies guarantee high dosing accuracy for active pharmaceutical ingredients (API).

With hygienic design high on the agenda for US manufacturers at present, Bosch designed all GML03 parts that come into contact with product from stainless steel – in line with the FDA requirements. Furthermore, the drying room is fully constructed of stainless steel. By achieving hygienic and authentic production standards, experimental results can be easily transferred to existing lines, reducing time to market and giving North American manufacturers competitive edge.

Food and pharmaceutical manufacturers can learn more about Bosch's lab solutions for jelly in the South Hall, booth S-3514 at PACK EXPO International in Chicago, Illinois, United States, November 6 to 9. Additional pharmaceutical solutions from Bosch can be seen at Pharma EXPO, co-located with PACK EXPO, in the West Hall, booth W-603.

**Press photos:** 1-PA-22452, 1-PA-22453, 1-PA-22454

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**BOSCH**

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