

PRESS RELEASE

ICE CREAM MANUFACTURERS CAN CUT START-UP WASTE BY 67% WITH NEW TETRA PAK[®] INGREDIENT DOSER 4000 A3

- *3x faster to reach set point and more precise dosing cuts start-up waste by 67%*
- *Lower energy consumption than IE3 regulatory standard¹*
- *3-A certified, the gold standard of hygienic food equipment design*

Lausanne, Switzerland, 11 March 2025 – Tetra Pak is helping manufacturers stay ahead of consumer appetite for new ice cream flavours with the [Tetra Pak[®] Ingredient Doser 4000 A3](#). This next-generation solution offers more precise dosing of ice cream inclusions, reducing start-up waste by 67%, as well as optimising production efficiency.

The gourmet ice cream market is projected to grow by \$13.96 billion at a 18.32% CAGR from 2023 to 2028,² indicating that consumers are craving more than just classic flavours. With the rise of premiumisation and co-branded collaborations, ice cream manufacturers are developing innovative products using adventurous inclusions to stand out in this creative and fast-paced sector.

Whether it's oversized cookie pieces, sticky cherries or powdered spices, the Tetra Pak[®] Ingredient Doser 4000 A3 is designed to deliver even distribution, so that every scoop delivers the intended flavour experience. This precise ingredient control from hopper to product makes it easier to control costs, and can handle both small, dry ingredients and large, sticky inclusions, up to 32mm in diameter. It also reaches the dosing set point three times faster than previous models – down from 45 to just 15 seconds – eliminating 30 seconds of waste.

The new doser is 3-A certified, meeting the gold standard of hygienic food equipment design. The motor offers 11% lower energy consumption than IE3 regulatory standard, and the direct drive of auger and agitator allows manufacturers to alter the capacity of the doser without changeovers, maximising uptime and cutting costs further. It is also versatile enough for other foods like peanut butter, cream cheese and mayonnaise, giving manufacturers the freedom to explore new possibilities beyond ice cream with this doser.

With the Tetra Pak[®] Ingredient Doser 4000 A3, indulgence has gone digital. A series of sensors and automated algorithmic responses keeps it running at peak performance, which reduces downtime, waste and wear while maintaining product quality and an even distribution of inclusions. This digitalisation also provides manufacturers with real-time production insights from day one, enabling them to optimise production lines for a more efficient use of resources. These digital solutions are combined with new and improved operator interfaces and user-friendly design choices, aiming to provide an intuitive human-machine interface and an easy to clean and maintain doser for all operators.

Elsebeth Baungaard Andersen, Portfolio Manager, Ice Cream, Tetra Pak, comments: “We are continually innovating to help our customers respond to evolving consumer trends while boosting efficiency and profitability. The Tetra Pak[®] Ingredient Doser 4000 A3 makes

¹ According to data from motor supplier NORD Drivesystems

² <https://www.technavio.com/report/gourmet-ice-cream-market-industry-analysis>

it easy to experiment with unique textures and standout ingredients, giving brands an edge in a market where consumers increasingly crave bold, premium flavours accompanied by exciting, delicious inclusions — and this doser equips our customers to deliver that indulgent experience, bite after bite.”

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ABOUT TETRA PAK

Tetra Pak is a world leading food processing and packaging solutions company. Working with our customers and suppliers, we provide access to safe, nutritious food for hundreds of millions of people in more than 160 countries every day.

With over 24,000 employees worldwide, we commit to making food safe and available, everywhere, and we promise to protect what's good: food, people and the planet.

More information about Tetra Pak is available at www.tetrapak.com.



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