



3M™ Integrated Dose by Dose Counter

Make our experience count for you

Running out of medication is a serious concern for patients using metered-dose inhalers (MDIs). The 3M™ Integrated Dose by Dose Counter provides a patient- and manufacturer-friendly solution to guidance issued by the Food and Drug Administration (FDA) requiring dose counters to address this concern.

- Displacement-driven design eliminates under-counting; split-count principle avoids over-counting
- Familiar look and clear display requires no additional training for patients
- Compatible with most popular valves and can be customized to fit partner needs
- Ergonomic design suits a wide range of users from children to the elderly
- Backed by more than 50 years of experience in MDI product development



FDA-approved in conjunction with an MDI product, the 3M™ Integrated Dose by Dose Counter is commercialized and ready to integrate into your project.

Precision Counts

The 3M™ Integrated Dose by Dose Counter has been designed to meet the requirements of regulators, pharmaceutical companies and patients alike. Proven accurate during laboratory based patient simulation testing, the 3M Integrated Dose by Dose Counter is displacement driven and utilizes a novel split-count design that matches dose counter actuation as closely as possible to valve travel to prevent under-counting and minimize the potential for over-counting due to misuse. The split count principle is particularly beneficial on products where patients are instructed to take two actuations in close succession as it gives greater confidence that the counter is reset prior to the second actuation.

Because the 3M Integrated Dose by Dose Counter is integrated within the actuator, actuator integrity is maintained as well as a familiar look and feel. The 3M Integrated Dose by Dose Counter is compatible with most popular valves within the marketplace and customizable to meet partners' requirements.

“Wonderful” “Outstanding” “Brilliant”

By putting patients at the center of development, 3M Drug Delivery Systems delivers products and technologies that are well-received by patients and prescribers alike. During concept design, 3M designers utilized global research to focus on criteria indicated by patients as most important.

The resulting ergonomic design was then tested with a range of patient groups, including children and the elderly, to ensure the 3M Integrated Dose by Dose Counter not only met patient expectations but would actually enhance their experience of using a pMDI, increasing their confidence in managing their condition.

The result is a design that patients, in independent research worldwide, have praised. Intuitive and easy-to-use 3M Integrated Dose by Dose Counter requires no additional patient training while giving patients a clear display, allowing them to obtain a refill in a proactive manner.

3M Partnership Ensures Smooth Process

Backed by more than 50 years of proven success in technology, product development and manufacturing and coupled with our global regulatory expertise, 3M can offer a fully integrated service from product development to commercial manufacturing to integrate the 3M Integrated Dose by Dose Counter into your program and provide necessary regulatory documentation for product submission. Working with us, you get the speed to market that's critical to the success of your new application.

- Capacity to meet your dose counter needs from pilot to commercial scale
- Formulation and device expertise for successful delivery of a wide range of molecules
- Worldwide production capabilities that meet rigorous global standards
- Unsurpassed support during each step of the development process, including regulatory filings
- New pressure fill line expands your manufacturing choice



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