



# Pas Reform SmartCount™ spray vaccinator

For vaccination against Infectious Bronchitis  
and Newcastle Disease



**Royal Pas Reform**  
Integrated Hatchery Solutions



# SmartCount™ spray vaccinator

Vaccination against Infectious Bronchitis and Newcastle Disease

## Benefits

Pas Reform Academy has worked with leading vaccine manufacturers to develop this fully optimised spray system that delivers the correct droplet size (mist) for accurate vaccination. A transparent drift guard ensures an ideal spray-image, avoiding vaccine drift and wastage. This system has been designed for seamless integration in the SmartCount™ chick counting and boxing system. Equipped with a dual tank system, the spray vaccinator automatically switches to a backup vaccine storage tank to prevent any unnecessary interruptions to the process and is equipped with see-through plastic covers, to prevent spraying outside of the chick box. A detection system automatically registers the presence of a chick box, so that spray is only applied when chicks are present.

## How it works

- Compressed air vaccine spray is activated automatically as each chick box passes underneath
- By inhaling the vaccine spray, day old chicks are protected against various diseases, including Infectious Bronchitis and Newcastle Disease
- Double auto-changeover vaccine containers include a small reservoir, weighed while vaccination is in progress, and a larger reservoir that can be refilled while vaccination continues
- Placed in a central console, the vaccine containers are easy to access, with a warning to indicate when a refill is required for uninterrupted operation

## Related products

- ▶ Chick box
- ▶ SmartCount™
- ▶ Stacker chick boxes



## Technical Specifications

Capacity	> 750 chick boxes/hour or 75,000 chicks/hour
Spray vaccination tanks	> 19.5 litre and 5.7 litre
Air requirement	> 1.7 l/chick box at 6 bar
Dimensions	> Integrated into SmartCount console
Vaccine containers and nozzles	> Made of food-safe materials NSF-51, with no brass or copper, to allow thorough cleaning and disinfection without damaging parts
Couplings spray vaccination	> NSF-61 for drinking water, NSF-51 for food and FDA for food and beverage
IP Marking	> Motors IP55 > Sensors IP68 / IP69K > Control panel IP66



**Royal Pas Reform**  
Integrated Hatchery Solutions

Bovendorpsstraat 11  
7038 CH Zeddam  
The Netherlands

Phone +31 314 659 111  
info@pasreform.com  
www.pasreform.com