Embrex® Inovject® Systems
Reliable Vaccination For Your Birds.
More Confidence For You.
Confidence Starts Here

Reliable vaccine delivery that builds confidence. Candling systems that enhance efficiency. It’s the reason why Embrex® Inovoject® Systems are the industry standards for in ovo vaccine delivery and candling.

Embrex Inovoject with Vaccine Saver
Used by nearly all U.S. hatcheries and vaccinating approximately 15 billion eggs annually worldwide, this fully automated injection device—now with the patented Vaccine Saver® identification and delivery system on most new units—offers clear value when compared to other systems and methods, both in ovo and posthatch. In fact, a study shows an average vaccine savings of 14 percent using Embrex Inovoject with Vaccine Saver¹ compared to a competitive system. The patented identification and delivery system helps provide accurate and selective delivery exclusively to eggs determined as viable.

Egg Remover®
To boost performance levels throughout your hatchery, Egg Remover’s unique candling identification system uses pulsed-light technology to locate and remove clear and nonviable eggs from each flat prior to injection. The result: better hatcher airflow, less microbial exposure to hatching chicks and quicker posthatch clean-up with fewer broken eggs.

There’s No Substitute for Precision and Accuracy
In order to ensure an active immune response to in ovo vaccination, birds benefit by injections that occur in the amnion or embryo. Embrex Inovoject delivers vaccine without affecting cell viability. Compared to another in ovo system, Embrex Inovoject demonstrated 43 percent greater accuracy of vaccine delivery into the amnion or embryo.²

![Graph showing % Correct Site of Injection](chart.png)

Combining three recent comparative trials, Embrex Inovoject demonstrated significant cost savings and superior potential for bird health.

- **1.20** percent greater same breeder flock hatch equated to **500,400** additional chicks during the trial period.
- Extrapolated over an average hatchery size of 1.5M eggs/week at an average cost of **$0.27** per chick, this equates to **$252,720** additional value over one year.²
- **0.16** percent less 7-day mortality than using competitive device.³

Demonstrated Performance
Service and Support You Can Count On

For more than 20 years we have backed up reliable systems with world-class customer service and technical support. We’re continuing that commitment today—we’re available for your service needs 24 hours a day, seven days a week.

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<td>Customized solutions for your specific needs</td>
<td>Access to poultry and \textit{in ovo} experts</td>
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<td>Your hatchery to operate at peak efficiency</td>
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<td>Seamless transition to new operators</td>
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<td>Assurance that your hatchery can run the device</td>
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<td>Assurance that you can get parts when you need them</td>
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A More Efficient Operation

Embrex Inovoject does more than just deliver vaccine accurately and effectively. It can also help make your entire operation more efficient.

- **Optimum sanitation** – The dual needle design separates shell surface contaminants from the injection needle, allowing for optimum sanitation after each injection. Studies demonstrate a greater percent hatch over single needle in ovo injection systems.\textsuperscript{4}
- **Lower potential for human error** – The fully automated process not only reduces the margin for human error, it can also lead to labor savings and more accurate results.
- **Reduced bird stress** – Minimizing the need for subcutaneous vaccinations means less chick processing, allowing birds to be transported to the farm faster and into the ideal grow-out environment.

In three trials comparing Inovoject to a competitive in ovo device, Inovoject demonstrated a superior percent hatch.\textsuperscript{4}
Get the Systems That Deliver Confidence for Your Hatchery

To achieve reliable vaccinations for your birds and additional value for your operation, choose the system that delivers confidence—Embrex® Inovject.®

Contact your Pfizer Animal Health Global Poultry representative or distributor for more information.

1. Data on file, Study Report No. 02-08-1100, Pfizer Inc.
2. Data on file, Study Reports No. 01-08-1100 and 10-08-1100, Pfizer Inc.
4. Data on file, Study Reports No. 04-08-1100 and 06-09-1100, Pfizer Inc.