



# ISevo v2 $\alpha$ <sup>FLEX</sup>

Switch to safe mode: reliable, smart  
filling and sealing machine

# Efficient and optimized filling, sealing and/or printing

Engineered for precision, speed and safety, ISevo V2 range ensures seamless filling, sealing and/or printing of bovine semen straws. Its optimized range minimizes waste and maximizes output, delivering consistent results with every cycle. ISevo V2 range is a monolithic multi-purpose machine which handle the filling of different species like Bovine, Equine, Ovine and Aquaculture. Isevo V2 range can be available with integrated system.

- Time saving ; The ISevo V2 allows an optimal filling of all straws either mini or medium at a rate of 12 500 straws per hour.
- Specific features allow optimum filling from the first to the last straw . Sequential priming, user-definable automatic 4 to 1 switchover, 1x1, 2x2 and 4x4 as well as on-the-fly changeover minimizes semen wastage. Designed for all type of semen, with a goal to maximize the filling of sexed semen with semen saving.
- Optimization of the Isevo V2 range to fill every type of media you can find on the market like viscous media.
- ISevo V2 range can easily work at 4°C or ambient temperature



# Built to withstand time, offering reliability and easy day-to-day maintenance

Isevo V2 range, designed for filling, sealing and or printing semen straws, ensures long-term reliability with its robust construction. Its user-friendly design allows for quick, hassle-free daily maintenance, keeping your operations smooth and efficient.

- Operations made easy : Daily cleaning of the machine easy and fast thanks to the specific design of all parts requiring daily cleaning like the sealing parts without any tools.
- Peace of mind : Designed for optimum security, you are able to rely on ISevo V2 range for the entire semen packaging process like never before. The remote screen facilitates the verification of moistened plugs.



# Advanced traceability for semen doses

Ensuring full traceability is essential in modern semen collection center, and this machine is designed to meet that need with precision and efficiency. Integrated with the IIS supervision software, it provides real-time monitoring and comprehensive batch tracking.

- Innovative straw conveying system: The first two rollers are designed with an adhesive surface to ensure the straw is properly engaged and released at the right moment. This roller system maintains a consistent and precise conveying speed throughout the entire production process, ensuring that the straw is always printed in the correct position.
- The straw printing system allows for customizable fields, offering flexibility to include critical information such as batch numbers, dates, and identification codes. Two barcode formats are available: **Code 128** for standard applications and **Data Matrix**, which enables the inclusion of more detailed data within a compact space.
- Connectable with e-smile software. Our dedicated laboratory software.



# ISevo v2 $\alpha$ FLEX

New supervision touch-screen for : 1x1, 2x2, 4x4, automatic 4=>1 switchover, sequential priming and on-the-fly changeover, Alpha detection, special mode for viscous media. Traceability directly manageable from the supervision. All these features designed for **semen-saving**.



**Visual control from a distance** with on-board USB camera displaying live image on Supervision

Inline vacuum adjustment

Plug moisture detector

Disposables needles option with oriented slots for a **maximum change over with speed, accuracy, and cleanliness**

Ventilated reception hopper

Distributor of straws

Conveyor straw system not contaminated by printing spreads thanks to the designated receptacle.

Three easy operating buttons, close to the user for a **maximum productivity**

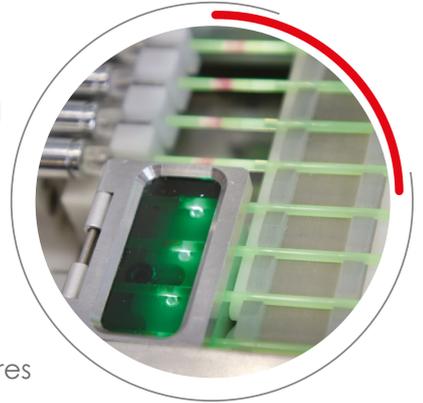
Short distance between hopper and filling station for a **fast start cycle**

New semen cone, with a maximum capacity of 200ml. Useful for pool of semen

Filled and sealed straw counter for **traceability**. Number displayed on the supervision screen

## Switch to safe mode

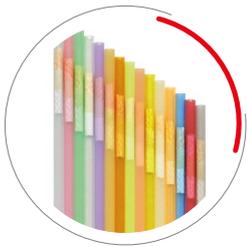
ISevo V2 Alpha FLEX is a commitment. The commitment of working safely and quickly, in total confidence and silence. This concept blends leading-edge technology and intelligence, ensuring the perfect filling of each straw.



- ISevo V2 Alpha FLEX star feature is the **automated verification** of the plug moisture level. The equipment pause if the plug is not filled at the safe level.
- The updated Alpha Detection for plug moistening is very accurate. It ensures precise detection when the straws are correctly filled and prevents any underfilled straws from going unnoticed.

## Alpha straws: innovation driven by performance

The clever combination of the Alpha Straw and the ISevo V2 Alpha FLEX equipment, offering a level of working comfort never seen before.



- **Low absorption technology:** When used on the Isevo V2 Alpha FLEX, IMV has produced up to 5% more mini straws per ejaculate than with conventional straws and equipment combinations.
- **Enhanced productivity and reliability:** The Isevo V2 Alpha FLEX detects poorly filled straws automatically, pausing to alert the operator and identify issues. This maximizes efficiency, allowing operators to focus on other quality tasks.



### Sensitemp

The Sensitemp straw builds on the Alpha straw and incorporates additional technology that transcends from the laboratory, into the field. Made using “smart” polymers, this straw changes color when its content reaches thawing temperature. The laboratory benefits from knowing its product is used correctly, while the inseminator benefits from the visual prompt alerting that the dose has properly thawed.

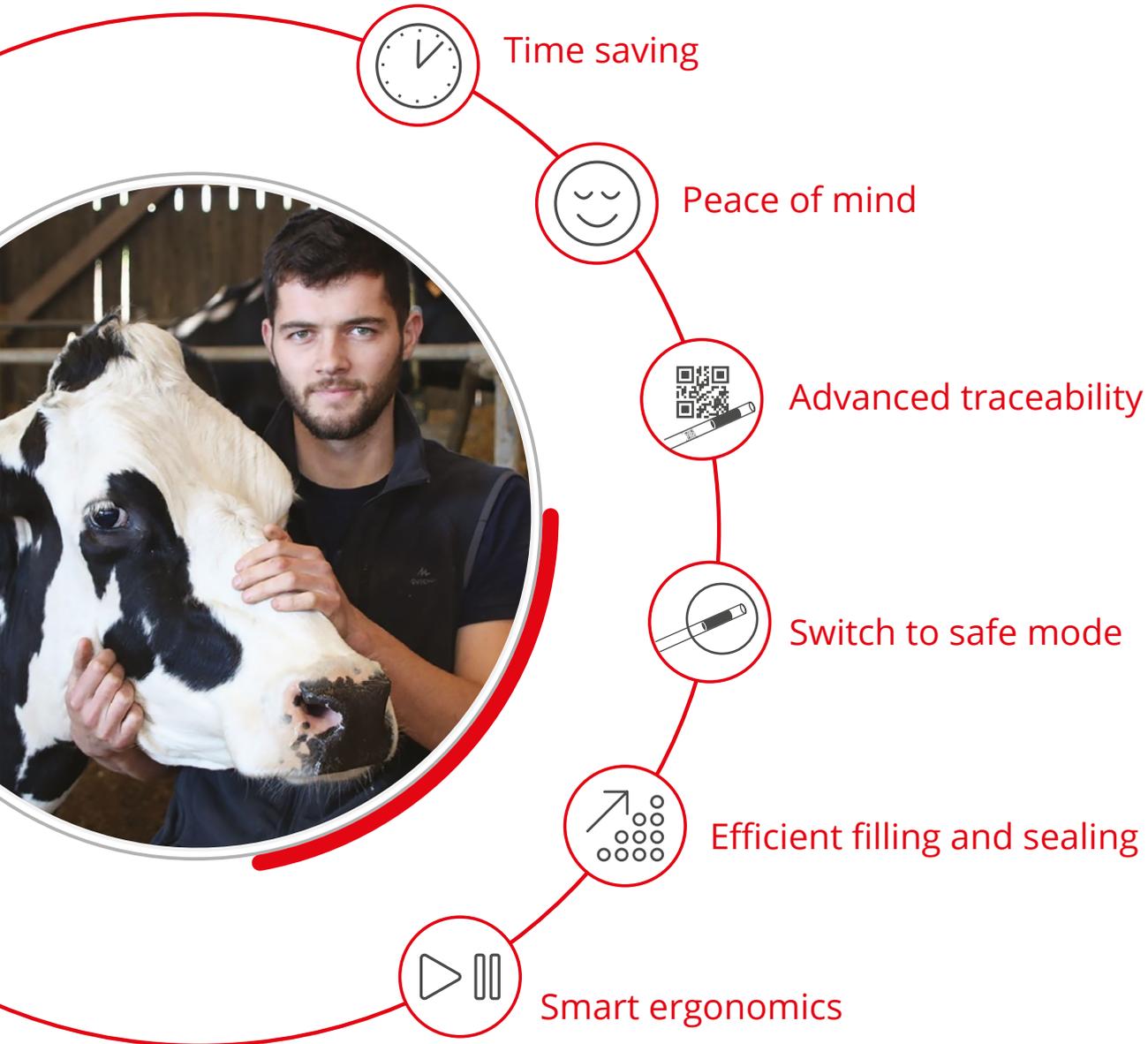
## IMV Technologies' expertise for optimal performance

To further support your team, our flexible training programs not only equip them with the skills to operate the machine efficiently but also provide valuable knowledge on broader bovine reproduction processes.

- Equipment installation
- Equipment training onsite or remotely
- After sales support
- Preventive maintenance contract



IMV Technologies is a leading player in the innovation and development of technological solutions for animal reproduction, particularly in the field of bovine reproduction. With its expertise, the company designs cutting-edge equipment for artificial insemination, with a special focus on machines for filling and sealing semen straws. These devices, crucial for the preservation and quality of semen, ensure optimal precision and reliability. IMV Technologies is committed to supporting livestock professionals in enhancing genetic and health performance in herds, offering modern, efficient solutions tailored to the needs of the market.





#### France HQ

📍 IMV Technologies  
ZI n°1 Est  
61300 L'Aigle

☎ +33 2 33 34 64 64  
✉ [contact@imv-technologies.com](mailto:contact@imv-technologies.com)  
🏠 [www.imv-technologies.fr](http://www.imv-technologies.fr)

#### North America

📍 IMV Technologies USA  
9501 Louisiana Ave N, Suite 300  
Brooklyn Park, MN 55445

☎ +1 763 488 1881  
✉ [contact@imvusa.com](mailto:contact@imvusa.com)  
🏠 [www.imv-technologies.com](http://www.imv-technologies.com)

#### Brazil

📍 IMV Technologies Brazil  
Rua Mafão, 115 - Villa Santana -  
Campinas - SP. CEP 13030-300

☎ +55 (19) 2513-3444  
✉ [contato@imvbrasil.com.br](mailto:contato@imvbrasil.com.br)  
🏠 [www.imv-technologies.com.br](http://www.imv-technologies.com.br)

#### China

📍 IMV Technologies China  
Room 510, Building 1,  
NO.800, Naxian Road,  
Pudong District, Shanghai,  
201203 China

☎ +86 21 50586918 or 50586948  
✉ [contact@imvchina.com](mailto:contact@imvchina.com)  
🏠 [www.imvchina.com](http://www.imvchina.com)

#### India

📍 IMV Technologies India  
(IMV India Pvt. Ltd.)  
Plot No 750 Phase V, Udyog Vihar  
Gurgaon 122016 (Haryana)

☎ +91 124 4770707  
✉ [contact@imvindia.com](mailto:contact@imvindia.com)  
🏠 [www.imv-technologies.in](http://www.imv-technologies.in)

#### The Netherlands

📍 Nifa Technologies  
Pallasweg 22  
8938 AS Leeuwarden

☎ +31 58 2123279  
✉ [info@nifa.nl](mailto:info@nifa.nl)  
🏠 [www.nifa.nl](http://www.nifa.nl)

