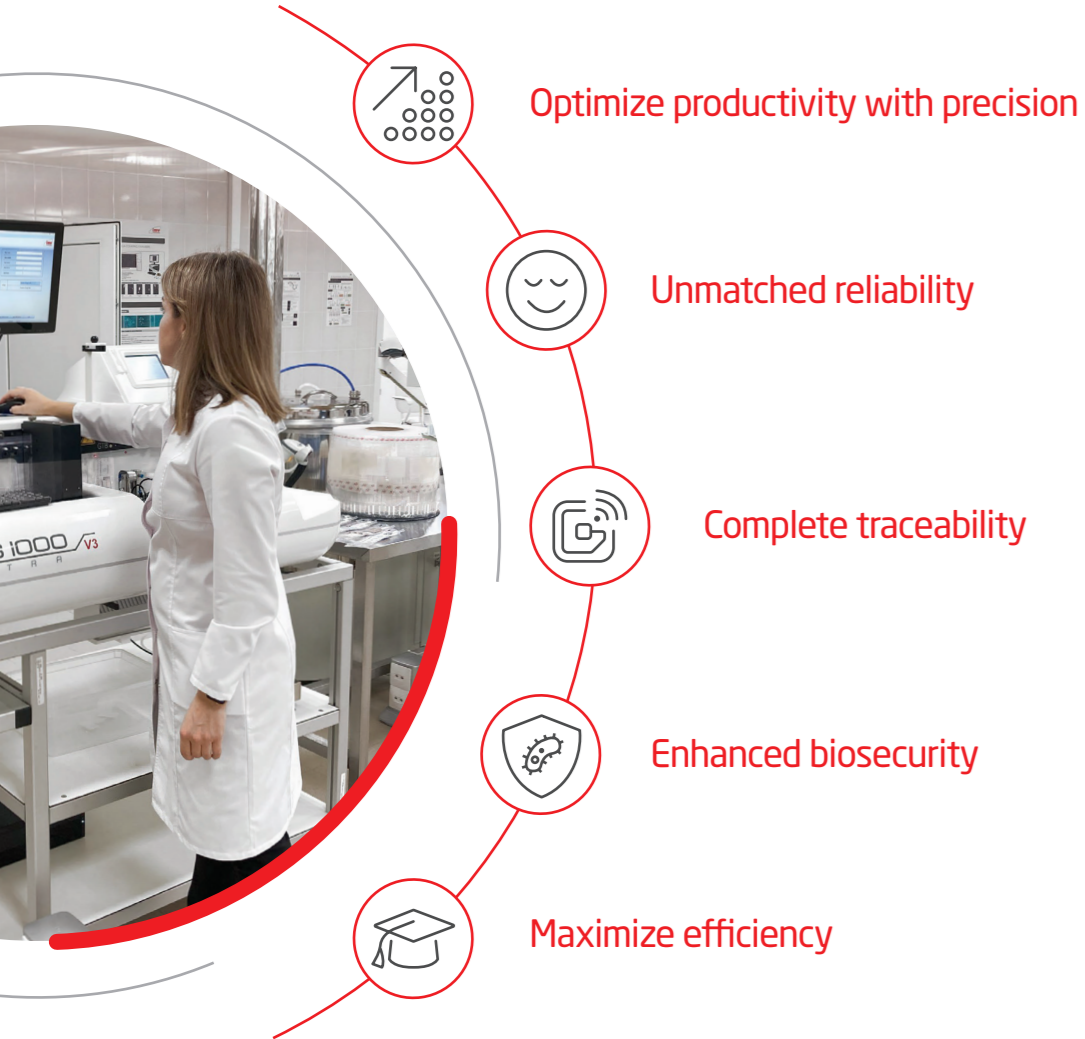


IMV Technologies, a trusted leader in reproductive technologies for over 60 years, understands the critical challenges faced by artificial insemination centers and breeders.

Recognizing the need for both productivity and biosecurity, IMV Technologies developed the GTB 1000V3 ULTRA - a state-of-the-art semen packaging machine.

The GTB 1000V3 ULTRA is reliable and precise. Its preventive after-sales service and tailored training minimize downtime risk, ensuring peace of mind. The antibacterial shell enhances semen production safety, while RFID technology ensures traceability for informed decisions.

Simply put, the GTB 1000V3 ULTRA sets a new standard in semen production, providing centers and breeders with unmatched safety, efficiency, and peace of mind.



IMV TECHNOLOGIES. FOR LIFE.



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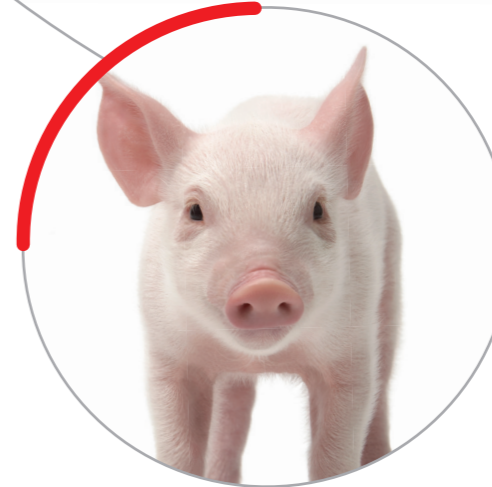
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GTB 1000 V3
U L T R A

**Built for precision and reliability,
enhanced for safety**



Ref: 2024/09/05/A_EN

www.imv-technologies.com





Optimize your productivity with precision

With the ability to process up to 1000 bags per hour, the GTB 1000V3 ULTRA saves labor costs and maximizes productivity. Its fully automated and precise dosing systems allow one operator to easily manage two machines while performing other tasks.

- The integrated **sensors** (Fig. 1) ensure precise **control at every stage**: from bag presence and positioning to accurate filling, overflow detection, secure sealing, and proper evacuation.
- The **high-precision** peristaltic pump (+/-1ml) (Fig. 2) and the **connected scale** for automatic weight control **guarantee precise dosing, providing peace of mind during production.**
- The GTB 1000V3 ULTRA is the most silent machine on the market, ensuring a peaceful work environment.
- Easy loading with film guidance, compatible with BactiBag as well as 90ml and 40ml GTB bag ULTRA for flexible operation.

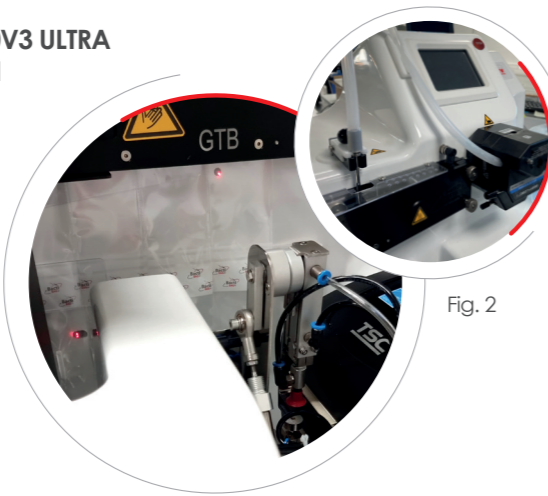


Fig. 1



Fig. 2



Achieve consistent performance with unmatched reliability

GTB 1000V3 ULTRA is designed with durability in mind. Its robust design allows for easy self-maintenance by clients, while our preventive maintenance minimizes downtime, ensuring continuous production and optimized performance.

- The GTB 1000V3 ULTRA is built for **long-lasting reliability**, with earlier models still running smoothly after **more than 15 years.**
- Daily maintenance and cleaning are **tool-free** (Fig. 3) for maximum convenience.
- Customized service contracts for **preventive maintenance** to **minimize production downtime.**



Fig. 3



Make confident decisions with complete traceability

Achieve complete traceability with the GTB 1000V3 ULTRA, from raw materials to the final product at the client's site. Each roll of bags is equipped with an RFID tag, and individual doses are labeled at filling, ensuring full transparency and quality control at every stage.

- Complete traceability of raw materials.
- RFID technology for precise and **automatic roll batch tracking.**
- Automatic lot number recording (Fig. 4) supports **informed decision-making.**
- **Customizable options** like logo, pictures, barcode, or QR code (Fig. 5).



Fig. 4

Fig. 5

GTB 1000 V3
U L T R A

Built for precision and reliability, enhanced for safety



Product

030144 GTB1000V3 ULTRA

Workshops & Trainings

024810 R&D WORKSHOP swine reproduction

024811 R&D WORKSHOP swine semen processing on site

024812 R&D WORKSHOP freezing of swine semen on site

028208 Training PCAI 2 days

Consumables

021571 Roll of white adhesive labels per 5 (also available in colors)

029708 GTB Bag ULTRA

029704 Bactibag

Accessories

028808 Label winder

026269 Needle

024051 Sink weight

026047 Silicone tubing

021734 Arm for PC

027774 PC ASUS

021989 Scale

021808 Trolley



Protect semen quality with advanced biosecurity innovations

The GTB 1000V3 ULTRA features an innovative antibacterial shell that actively combats bacterial contamination, ensuring safer semen production. Its smooth, angle-free design also makes cleaning quick and easy, supporting optimal hygiene with minimal effort.

Together, these innovations help provide breeders with peace of mind and support higher reproductive success*.

- The shell technology (Fig. 6) meets the **highest standards of medical and food industry** (JIS Z 2801). Its bactericidal action is validated by an accredited independent laboratory (NF EN 14688).
- The most common harmful **bacteria are reduced by 99.99%** (such as *Escherichia coli*, *Staphylococcus aureus*, *Enterococcus faecalis*, *Klebsiella pneumoniae*, and *Serratia marcescens*).
- Shell designed without any sharp angles, making cleaning quick and easy for optimal hygiene.
- The GTB 1000V3 ULTRA is equipped with **hardened silicone tubing** (Fig. 7), whose smooth surface properties naturally **limit bacterial growth.**

*E. Nitsche-Melkus, et al, Impact of hygiene on bacterial contamination in extended boar semen: An eight-year retrospective study of 28 European AI centers - <https://doi.org/10.1016/j.theriogenology.2019.11.031>

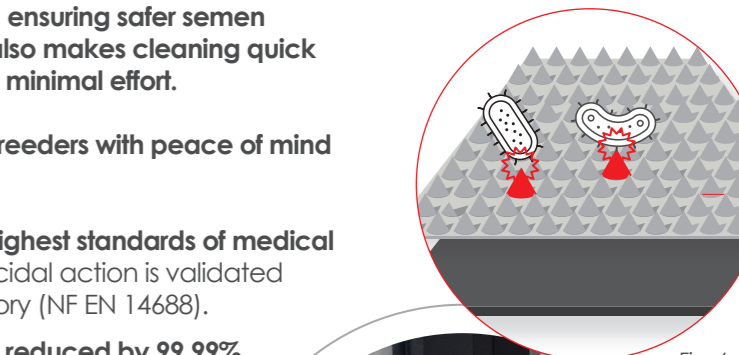


Fig. 6



Fig. 7



Maximize efficiency with IMV Technologies trainings

Designed for ease of use, the GTB 1000V3 ULTRA enables new operators to get up to speed with minimal training.

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 swine reproduction processes.

- Equipment installation.
- Equipment training available onsite or remotely.
- After sales support.

