



www.imv-technologies.com



GTB™ concept

The Ultimate Combination



GTB Packaging Solutions

- Easy-to-use
- Accurate
- Reliable
- Compact



GTB Bags & Mini GTB Bags

The Ultimate Combination:
Why compromise when you can have it all?

Standard GTB Bags:

- Capacity: up to 90 ml
- Design optimized for traditional insemination and hand-free use

Mini GTB Bags: Specially designed for post-cervical insemination

- Capacity: up to 40 ml

Compact and practical

- Up to 15% storage space saved
- Longer preservation time with flat storage
- New leak-proof tip
- Easy opening
- Sanitary: tip is protected until the use of doses

Universal

- Compatible with most catheters
- Compatible with post-cervical catheters without connector

Improved Insemination

- Two-layered film with tested and guaranteed non-spermicidal protective properties
- Insemination controlled by sow's uterine contractions
- No need to squeeze the bags for conventional insemination
- Less back flow

Customization

- Colored tips
- Your company logo





GTB™ concept



The Ultimate Combination

GTB concept – A Revolution in Automation

IMV Technologies has developed a full line of packaging systems to fit everyone's specific needs.

- Easy-to-use, to maintain and to clean
- High level of accuracy
- Reliable and low maintenance
- Compact: small footprint

3 machines to better fit your needs:

- From 250 to 1000 bags/hour
- With or without labeling
- Manual or completely automated

Combines the best technologies available by using GTB bags.





GTB 1000™

The new Standard in Automation Automated Filling, Sealing and Labeling

GTB 1000 fits the needs of artificial insemination centers looking for a reliable, compact, efficient and fully automated packaging machine.

Efficient

- Fills, seals and labels 1000 bags per hour
- Saves labor: one person can run the machine while performing other tasks

Simple and User-friendly

- Automatic boar selection with bar code reader
- Easy to clean (composite frame with rounded edges): daily cleaning takes less than 5 minutes
- Intuitive touch screen technology (user-friendly navigation menu)
- Ergonomic and compact design
- Very quiet
- Minimal training required

Reliable

- Low maintenance
- Very few moving parts
- Precision pneumatic technology
- Durable components

Accurate

- Fills bags from 25 to 90 ml
- High precision peristaltic pump (+/- 1ml)
- Automatic calibration of machine

Integrated printing

- Customized doses identification (logos, pictures, bar code, QR code...)

Network compatible

- Automatic data transfer
- Guaranty of complete traceability of doses





GTB 600™



Semi-automated Filling and Sealing

The GTB 600 has been designed for mid-size artificial insemination centers looking for cost-effective and semi-automated solutions.

Efficient

- Fills and seals 600 bags per hour

Simple and user-friendly

- Easy to clean (composite frame with rounded edges)
- User-friendly touch screen technology
- Space-saving design

Reliable

- Low maintenance and easy to maintain

Accurate and Flexible

- High precision peristaltic pump (+/- 1ml)
- Fills bags from 25 to 90 ml



GTB 250™

Manual Filling and Sealing

Our entry level packaging system

Efficient

- Fills 6 bags at a time
- 250 bags per hour

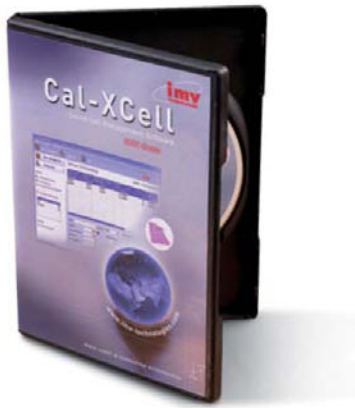
Simple and User-friendly

- Fills by gravity

Perfect sanitation

- Uses disposable tubing and filling needles





Labeling Option for **GTB 250 & GTB 600**

Cal-XCell

Simple laboratory management software

- Boar management database
- Heterospermic or monospermic production management
- Multilanguage

Thermal Printer for Cal-XCell

- Reliable
- Durable



GTB specifications

	GTB 1000	GTB 600	GTB 250
Reference	021906	022389	022267
Capacity (Bags/Hour)	1000	600	250
Sealing	Heat Sealer	Heat Sealer	Impulse Sealer
Filling	Automated	Automated	Manual
Bag advance	Automated	Automated	Manual
Bag cutting	Automated	Manual	Manual
Labeling	Automated	Manual	Manual
Touch screen	Yes	Yes	No
Footprint LxW x H	150x85x65 cm / 4.9" x 2.8" x 2.1"	139 x 54 x 68 cm / 4.6" x 1.8" x 2.2"	100x40x65 cm / 3.3" x 1.3" x 2.1"
Serial connection	Yes	No	No
Material	Composite	Composite	Stainless steel and aluminium
Air compressor required	Yes	Yes	No
Electric connection	230/110 - 50/60 Hz	230/110 - 50/60 Hz	230/110 - 50/60 Hz
Power	240 W	250 W	150 W
Weight	55 kg / 121.3 lbs	32 kg / 70.5 lbs	16.8 kg / 37 lbs





- ISO 9001:2008 and medical reference ISO 13485:2003 certified
- Production site complies with the strictest standards of quality and safety
- Continuous improvement of product, production and quality control processes
- All materials and finished products potentially in contact with living cells tested for bio compatibility
- 95% made in France



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