



GTB 500

Effortless automation for farms
and medium studs



The GTB 500 is an automatic filling and sealing machine for porcine semen doses. Designed to reduce dependency on operator skills and to make your processes more resilient to staff changes, the GTB 500 brings automation within everyone's reach. The GTB 500 is a CE & EMC-certified solution built to last and supported worldwide by IMV Technologies' 60 years of global expertise.

Precise filling, assured quality

The GTB 500 combines speed, precision, and reliability to help your lab increase productivity while ensuring consistent quality.

- Automatically fills and seals doses, saving labor and improving throughput
- Peristaltic pump (± 1 ml) for accurate and repeatable dosing, maximizing results
- Compact footprint, tailored for small laboratories
- Compatible with our high quality crystal bags (up to 90 ml) for secure sealing and peace of mind
- Bag detector for safe and worry-free operation



Easy start, effortless care, always supported

From the first day, your team can confidently operate the GTB 500.

- Plug and play with simple and easy to use functions
- Effortless cleaning and maintenance, keeping daily operation seamless
- Onsite or remote training with local support whenever needed



Certified safety, built to last

Built to the highest standards, the GTB500 ensures safe, reliable, and efficient operation in any lab environment, limiting production downtime.



- CE certification guarantees the machine's electrical safety, mechanical integrity, and user protection. (IEC 61010-1:2010 + A1:2016)
- EMC certified (EN IEC 61326-1:2021) – Reliable operation in any lab environment, free from electromagnetic interference
- Long-lasting performance, backed by IMV Technologies' expertise and proven reliability



Product & Consumables

030366 GTB500
1570 x 770 x 600 mm
55 kg
110/220V et 50-60hertz
Operates with compressed air
Multilanguages setup

030371 Crystal bag
Up to 90ml
6 rolls of 250 bags

Accessories

030389 Needle



030388 Silicone tubing



030390 Sinker weight



028247 3 Liter dilbag

028246 8.3 Liter dilbag



005661 3 liter pitcher

005650 5 liter pitcher





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