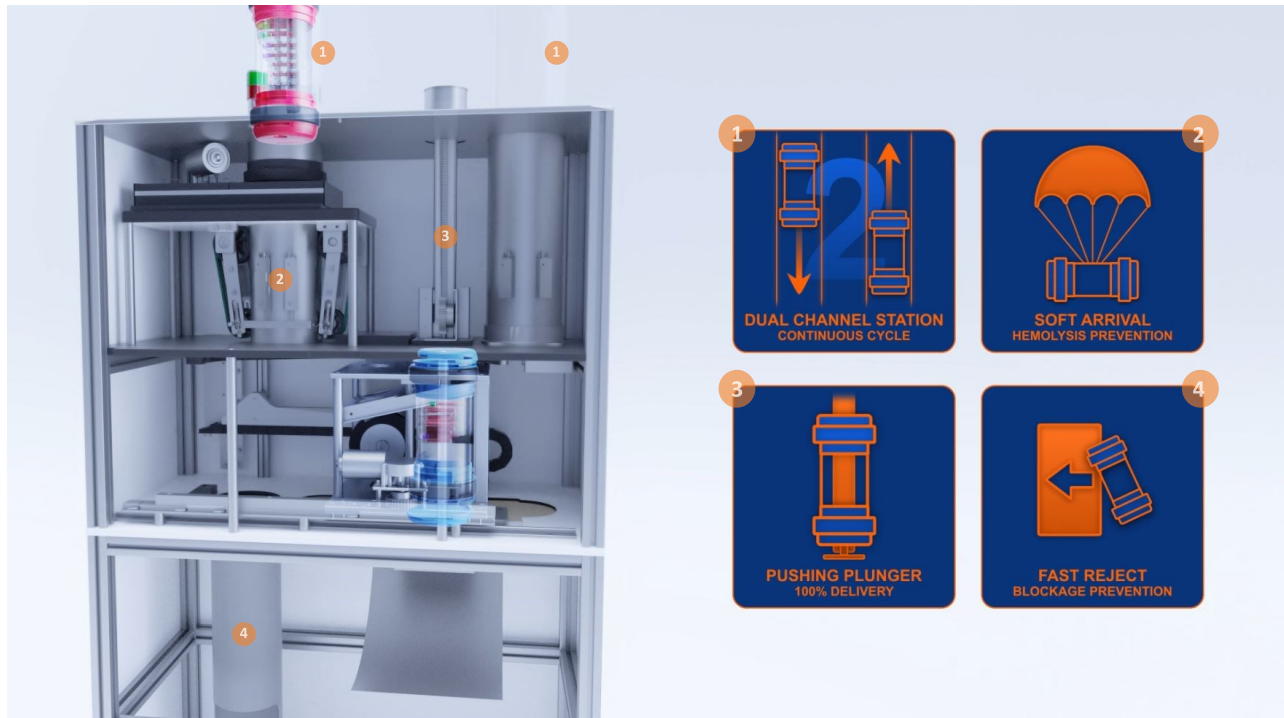


Introduction

The Triton is our 3rd generation automatic unloading station, featuring a Dual Channel connection and a Pushing Plunger. How it works: it automatically receives carriers in channel 1, opens both lids, pushes out all content, closes both lids and auto-returns empty carriers to their home address via channel 2. No manual actions are required, all carriers are automatically processed.

Designed to handle large amounts of carriers with sensitive content, the Triton guarantees a fast but soft arrival at your laboratory. The Triton is ready to harmonize with existing analysers and workflows, reducing the total turnaround time to provide patients with a diagnose.



4 key benefits

- 1) **Dual Channel:** more capacity by connecting 2 channels, receiving + returning carriers simultaneously.
- 2) **Pushing Plunger:** the plunger guarantees that all carrier content is delivered, preventing stuck items.
- 3) **Fast Reject:** preventing downtime by moving declined carries into a fast reject channel.
- 4) **Soft Arrival:** handling sensitive samples and preventing hemolysis by its advanced breaking method.

More benefits

- Carrier Compatibility: Triton carriers are compatible with the whole family of Telecom stations.
- Auto-Homing: through RFID, the Triton returns empty carriers to their home stations: preventing an overflow of carriers at the laboratory while simultaneously preventing a shortage at all other stations.
- Hygienic: all station surfaces are cleanable according to modern hospital standards, including display.
- Maintenance friendly: robust design with multiple maintenance-free parts for intensive usage.
- Low Energy Consumption: Energy is used efficiently and no direct external power supply is needed.
- Versatility: the Triton is compatible with all Telecom BP Atlas systems, making it an easy upgrade.
- Why Telecom Triton: join our family and rely on 70+ years' of experience in tubing system design and manufacturing. Our global network with certified healthcare partners are at your service for support.

References



+ many more

Optimizing laboratory workflow

Telecom is known for her robust and smart technological designs. The Triton is no exception, being specially designed for handling sensitive samples and preventing hemolysis. The station operates in a way that supports your day-to-day workflow and provides multiple security layers and safety mechanisms to optimise its' uptime. By using an advanced soft-arrival mechanism for carriers, a fully automated delivery process, a reject channel and smart RFID+ functionalities, the Triton fits comfortably in a laboratory.

By using RFID+, the Triton reads and uses the carrier ID to:

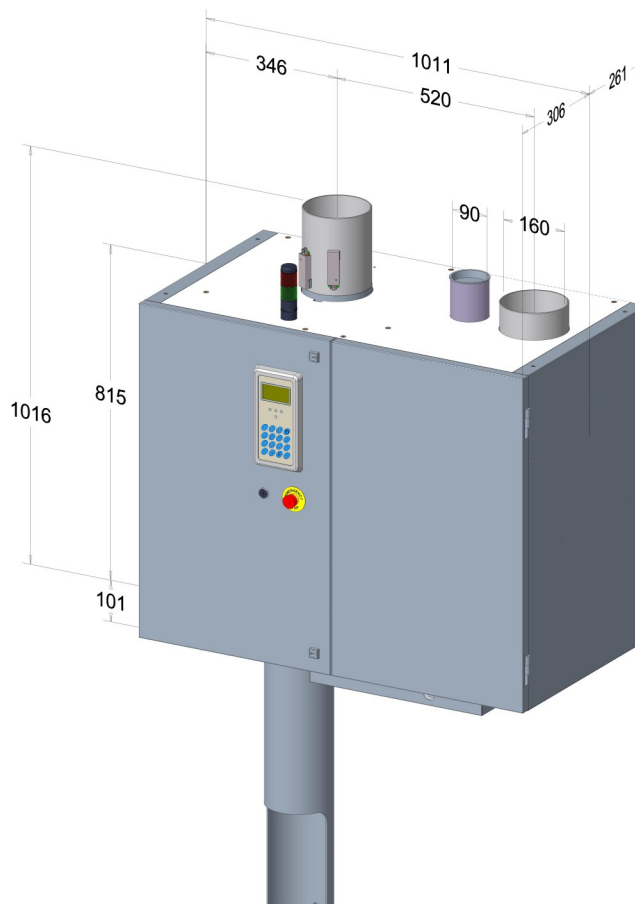
- allow or deny a carrier at the laboratory
- determine priority levels (up to 90 levels)
- reroute or send back empty carriers to their original home station.

Various statuses can be monitored at the station display or additionally a touchscreen (optional) and/or a separate wall mounted screen.

The high capacity design allows 1 Triton station to process up to 144 carriers per hour. And the pushing plunger ensures that each carrier is completely emptied before returning the carrier to its home station.

The Triton is highly reliable and includes a interchangeable cassette module that, allowing faster & easier servicing while minimizing downtime. The station also automatically detects carrier faults, preventing carriers blocking the station and guaranteeing a higher uptime.

The Triton joined Telecom's product family as another smart & powerful solution for laboratory automation. The station operates on its own power source (42VDC), coming from the main system cable and doesn't rely on another external power source, offering you full flexibility. User safety is guaranteed by its CE marking (2006/42/EC) and EMC (2014/30/EG) certification.



Facts

- The Triton automatically receives, opens/closes carriers and auto returns them to their home address, while using both a sending and a receiving line to increase line capacity.
- It doesn't only rely on gravity. An active plunger is used to gently push the contents vertically out of a carrier. The pushing plunger guarantees that 100% of all contents leave each carrier.
- The station is equipped with an advanced breaking method, that protects both the carrier and the sensitive content by guaranteeing a soft arrival for every sending.
- RFID+ is used to easily program carrier permissions, priority levels and speed settings, allowing carriers to be sent to the Triton and identifying each carrier before handling them.
- A signal light pole provides operational status information.
- The Triton handles up to 144 carriers per hour - 2 channels also optimize the line capacity itself.
- The station includes a service key, maintenance hatch and cassette module for easy servicing and maximum operational uptime. The mechanical cassette is easily exchangeable for service and reinstallation later, minimizing downtime.
- Uptime is also increased by using automatic fault detection and a fast reject channel at the bottom.
- The Triton is equipped with multiple maintenance-free parts, such as the complete gear mechanism, all bearings, selfadjusting seals and failure-free reed contacts.
- Minimum air emission of <2 liter per arrival.
- The station uses the main system cable, that includes power supply (SELV - 42 Volt DC).
- Installation is done via a floor mounting frame, the front and side panels are removable for servicing.