



The ReLoad PCR Product Range

Arvensis® A-Frame® ReLoad Tube Strip Plate

The ReLoad PCR Tube Strip Plate is an innovative labware solution designed to reduce plastic waste while maintaining top-tier performance. Featuring 12 detachable 8-well PCR strips within a reusable polycarbonate frame, it enables safe disposal of used strips while reloading the frame for future use. Offering flexible formats compatible with most thermal cyclers, ReLoad is an efficient, sustainable, and cost-effective alternative to traditional fixed-well PCR plates. Ideal for labs and kit manufacturers, ReLoad combines innovation with environmental responsibility.

- **Plate formats:** Available in low-profile fully skirted or standard-profile semi-skirted plate formats.
- **12 Individual 8-Well PCR Strips:** Each strip can be independently removed from the ultra-rigid polycarbonate frame.
- **Reusable Frame:** Safely dispose of used strips and reload with fresh ones for your next application.
- **Colour-coded strips:** Available in multiple colours for visual sample identification, improving workflow management and reducing errors.
- **Enhanced Traceability:** End tabs can be 2D coded, allowing for precise tracking and identification of samples during storage, processing, and analysis. Ideal for high-throughput workflows or regulatory compliance needs.
- **ReLoad Device:** Designed with technicians in mind, it quickly pops out strips and inserts new ones in seconds.
- **Sealing:** Each well or strip can be individually re-sealed using the ReLoad heat seals, adhesive seals or cap strips.

Available Configurations:

- **Plate formats:** Available in fully skirted or semi-skirted plate formats
- **8-Tube Strip Formats:** Low-profile and standard-profile options.
- **Refill Options:**
 - » **120-Tube Strip Packages**
 - » **Bulk Refill Packs of 600 Tube Strips**

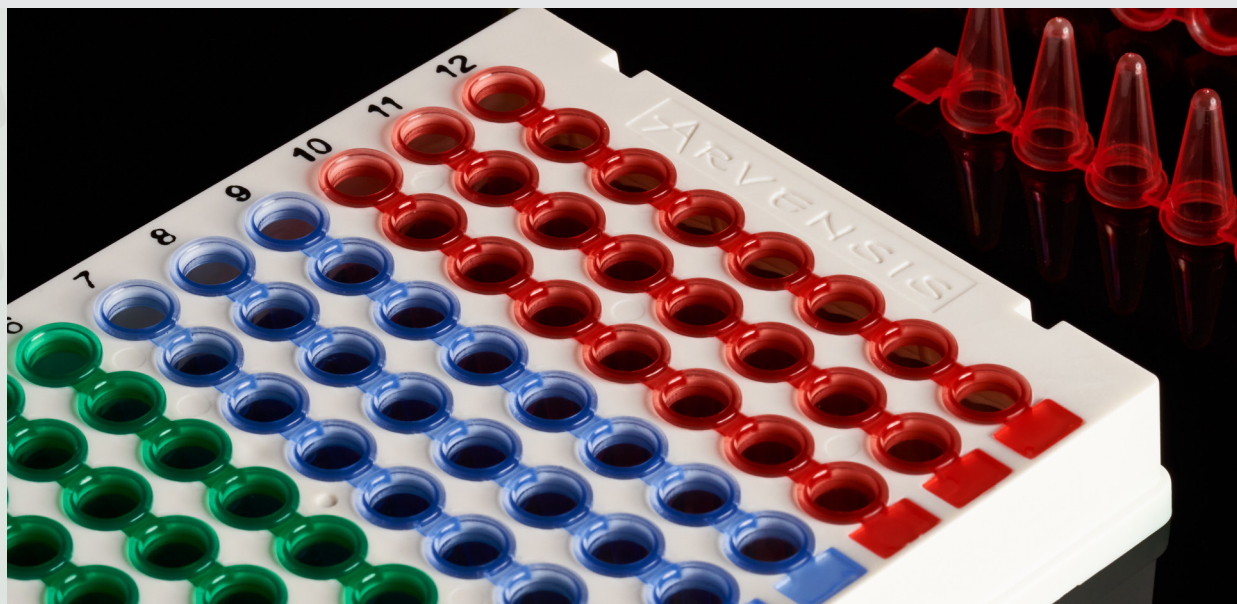


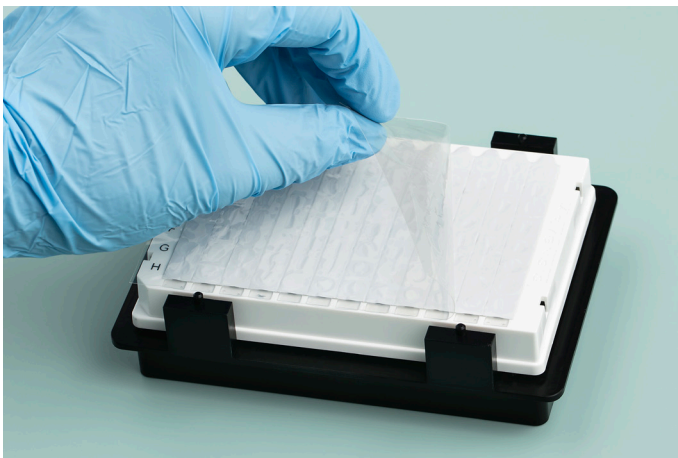
How It's Used – Designed for Technicians and Manufacturers

“Empowering Kit Manufacturers and Laboratory Technicians”

The ReLoad PCR Tube Strip Plate is an excellent solution for kit manufacturers due to its flexibility, cost-effectiveness, and sustainability. Its modular design allows manufacturers to improve existing workflows, as the individual 8-well strips can be independently removed and replaced in the frame. This adaptability makes it ideal for customized kit designs, ensuring that only the required number of tubes are used, reducing excess waste. Additionally, the ReLoad system helps lower overall production costs by reusing the durable polycarbonate frame for production of reagents in the strips.

- **Ideal for Diagnostic Kit Design:** The modular design offers flexibility for manufacturers and allows academic labs to use only what is needed, reducing waste.
- **Colour-coded strips:** Available in multiple colours for visual sample identification, improving workflow management and reducing errors.
- **Economical and Scalable:** More cost-effective than purchasing entire plates or standalone tube strips.
- **Enhanced Traceability:** end tabs can be 2D coded, allowing for precise tracking and identification of samples during storage, processing, and analysis. Ideal for high-throughput workflows or regulatory compliance needs.



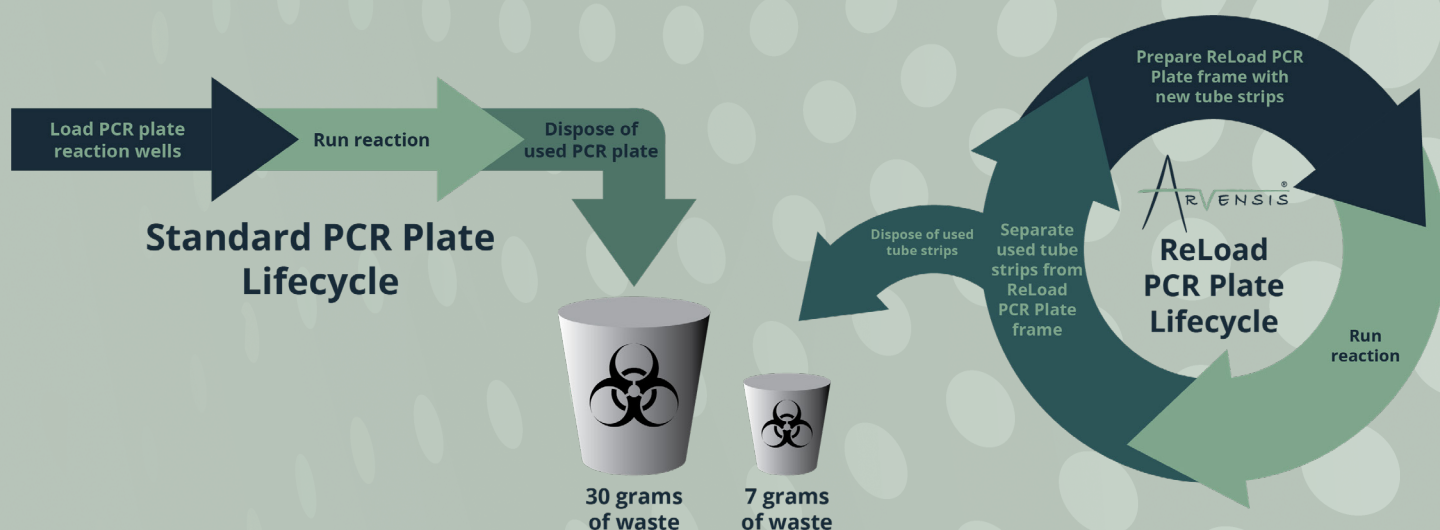


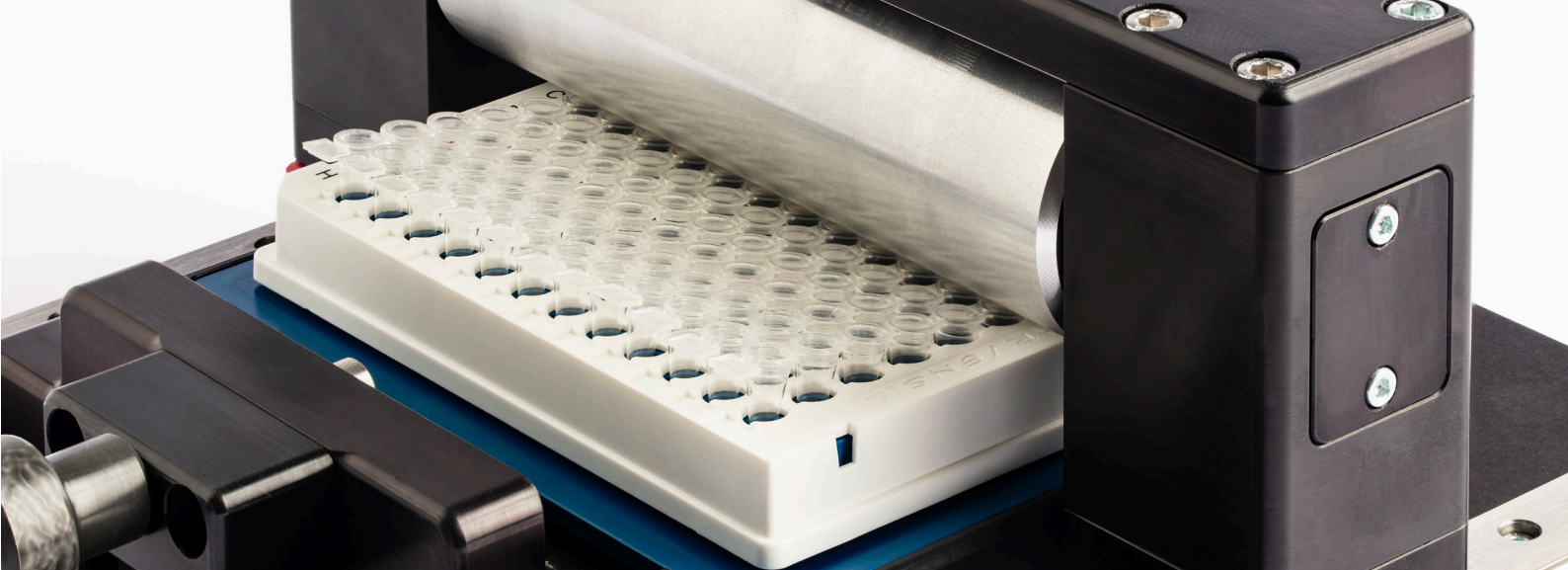
Sustainable Benefits – Reducing Carbon Footprint

“Transforming PCR Plate Usage for a Greener Future”

The ReLoad PCR Tube Strip Plate is an ideal choice for eco-conscious labs seeking sustainable labware. Due to its innovative design plastic waste is significantly reduced. By allowing laboratories to reuse the durable polycarbonate frame and dispose of only the used 8-well strips, the ReLoad system helps cut down on the amount of plastic that typically ends up in incineration. With its modular, reusable design, the ReLoad system offers both performance and sustainability, making it a smart, responsible choice for laboratories looking to adopt greener practices without compromising on functionality.

- **Eco-Friendly Design:** Transitioning from standard fixed well PCR plates to the ReLoad system saves up to 24 grams of plastic per reuse, cutting total plastic waste by up to 77%.
- **Reduced packaging:** With bulk refill packs of 600 tube strips, labs can scale operations while minimizing packaging waste.
- **Lower Carbon Footprint:** Reusing frames and minimizing single-use plastics reduces the negative environmental impact tied to the production and disposal of PCR plates.





The ReLoad Device

“Modernising PCR Plate Handling”

The ReLoad System is purpose-built to simplify and modernise the handling of ReLoad PCR Tube Strip plates, offering efficiency and ergonomic benefits. Designed to streamline workflows, the system quickly pops out used strips for disposal or reformatting, saving valuable time while reducing the risk of RSI. Two color-coded adapters are available—blue for low-profile plates and red for standard-profile plates—ensuring compatibility and easy identification. The adapter’s intuitive design means it can be orientated in portrait mode to remove strips and landscape mode to insert them, providing a simple, efficient solution for lab technicians.

Features of the ReLoad Device:

- **Ergonomic Design:** Reduces repetitive strain injuries (RSI) for lab technicians.
- **Simplifies Strip Handling:** Effortlessly pops out used strips for disposal or reformatting.
- **Dual Functionality:**
 - » **Portrait Mode:** Removes used strips.
 - » **Landscape Mode:** Inserts fresh strips.
- **Color-Coded Adapters:**
 - » **Blue Adapter** for low-profile plates and strips.
 - » **Red Adapter** for standard-profile plates and strips.
- **Durable and Intuitive:** Built for frequent use, easy operation for all skill levels.

