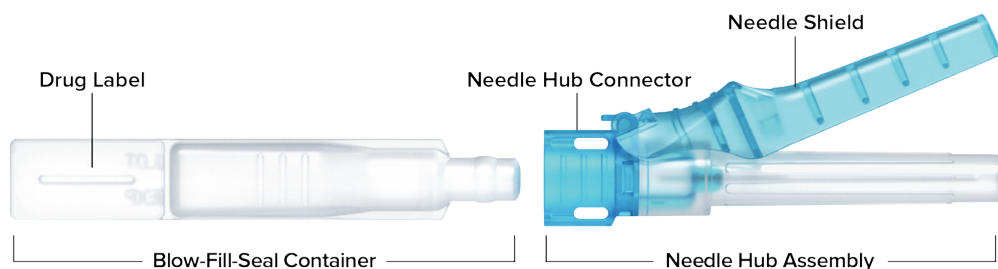




Affordable Prefilled Devices Greatly Expand Access

Hundreds of millions of people do not have reliable access to the essential medicines and vaccines they need. The current staples of glass vials and syringes have enabled enormous progress in access to injectables over the last 50 years. However expanding reliable access to hospitals and clinics in low-infrastructure environments will require a different approach.

At Apiject, we believe a higher level of universal access can be achieved by providing injectable medicine and vaccines in single-use, prefilled injectors that are simple, affordable, and can overcome many “Last Mile” challenges.



EXPAND ACCESS WITH THE PREFILLED APIJECT INJECTOR

Our first device, the Prefilled ApiJect Injector, can greatly help more injectable medicines and vaccines reach more patients in more markets by achieving the following benefits:

Unlock Healthcare Workers: In many areas of the world, trained doctors and nurses are not readily available. This can greatly reduce how many patients can receive an injection. A prefilled, ease-to-use device can allow healthcare workers, who are in much greater numbers, to deliver the injection patients need – improving access in many environments.

Competitive Costs to Glass Vials: Prefilled devices have historically cost far too much to manufacture for extremely cost-focused global markets. By harnessing the low-cost and efficiencies of Blow-Fill-Seal, Apiject can design prefilled injectors that are cost-competitive with single- and multi-dose glass vials.

Manufacturing Scale: Apiject leverages Blow-Fill-Seal (BFS), an advanced aseptic filling process used worldwide to fill-finish tens of billions of doses a year. BFS enables up to tens of millions of Prefilled Apiject Injectors to be made per month on a single line, per month on a single BFS line, capable of serving even the largest markets.

Resilient Supply Chain: A Prefilled Apiject Injector uses a highly compact supply chain, with as few as two facilities and requiring only two primary materials (both widely available): pharmaceutical grade resin and cannula.

Prefilled Quality & Safety: Unsafe injection practices are far too common. Prefilled formats have been shown to help reduce medical errors and improve injection safety by simplifying the process.

Transportability: Since Apiject prefilled devices are made of plastic instead of glass, they weigh significantly less to transport, and are more resistant to breakage than glass primary containers.

More Environmentally Friendly: An independent lifetime cycle study estimated that on a per-dose basis, the Prefilled Apiject Injector uses 55% less energy than a single-dose glass vial over its lifetime, and 39% less energy than a multi-dose glass vial. Glass vials also require more than 100x as much water to manufacture.

DESIGN & TESTING FOR ALL MARKETS

From the time of its founding, Apiject has always designed its devices to serve global markets in addition to the more infrastructure-rich environments of developed markets. Supporting this effort is Apiject's Global Health Team, led by Dr. Edward Kelley, PhD, and Dr. Paul Rutter, MD, who have spent their careers in service of global health and improving safe access.

By using our Field Research Network, the Global Health Team works with local healthcare support groups to understand both the market's and patients' needs, and the challenges any injection device will need to overcome. Using that feedback, Apiject's device design team in London and BFS engineers in Orlando create prototype prefilled injection systems. They then test and refine those devices, ultimately designing a prefilled injector that best serves its intended markets.

A MORE ACCESSIBLE FUTURE

Apiject is committed to helping pharmaceutical companies reach every patient in every market that could benefit from their products. And we will do it in a way that is economically viable for all parties with reliable safety and quality.

If Apiject may be a good partner for your company, here are some next steps:

Questions? Contact us at solutions@apiject.com.

Is your drug product right for an Apiject device?

It is simple to find out. Contact Bo Kowalczyk at bkowalczyk@apiject.com to learn more.

Want to learn more about Blow-Fill-Seal and our device platform?

Visit www.apiject.com or our Youtube channel youtube.com/@apiject.