



Veramyst intranasal device was designed by Warwick Design for GlaxoSmithKline and received FDA approval, first pass.

The device provides an attractive and easy to use delivery system. Warwick Design developed the IP for the device from a clean sheet of paper and its apparent simplicity has been achieved by the intelligent design of its components. This includes design for moulding and assembly that ensures the reliable manufacture of tens of millions of this world class delivery device.

Working with GSK's World-wide Device Technology Group and manufacturers Tech Group Ireland with a single-minded team approach, Warwick Design's know-how and high quality data ensured delivery of the project in previously unmatched timescales bringing on-stream revenues twelve months ahead of like developments.

The Veramyst delivery device is a unique, ergonomically designed device that was developed by Warwick Design to address patient concerns. Veramyst has a side-actuated "mist release" button that, when pressed, delivers the same amount of medicine every time - an important feature for patients who want to know they are getting a consistent, prescribed, dose. The device delivers a gentle, scent-free mist with a low volume of spray.

The combination of a very effective medication and a reliable, easily used and attractive device is seen on Wall Street as a "billion dollar" product.



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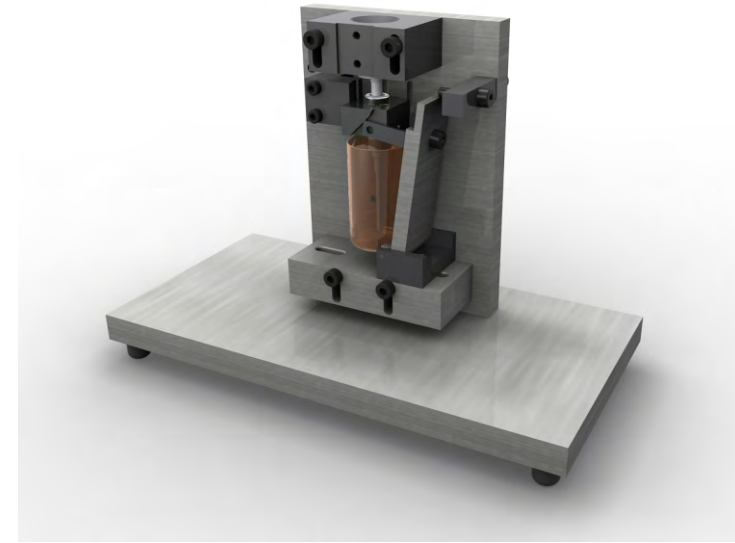
The Veramyst project demonstrates some of the highly developed skills at Warwick Design. Our in-house abilities to undertake industrial design, engineering, mechanical design, electronics development and software supported by prototyping in our workshop ensures that we can undertake the entire development of devices.

Typically we develop the concept into a variety of viable device proposals. These are evaluated for their potential to meet all aspects of the pharmaceutical, production and marketing briefs.

The key contender is detailed to incorporate sound ergonomics, patient compliance considerations to achieve pharmaceutical performance, the toolmaking and moulding for high cavitation tooling, the detailing for auto assembly in very high volumes

Warwick Design builds test and evaluation rigs to create performance data and to optimise performance and consistency over the life of the product. Improvements, quality control and risk are constantly monitored through the development with FMEA and other controls maintained.

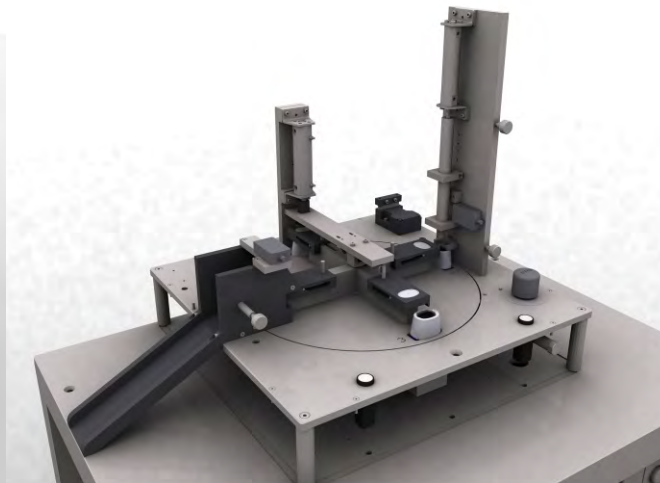
In a project like Veramyst Warwick Design has to control considerable quantities of data, vitally maintaining strict change control procedures. For a nominally "simple" ten-part device like this product we may control 20Gb of data in 20000 files. Our easy to implement but highly effective data control systems developed over years of practice enable us to control the information for devices we are currently working on which have many times this volume.



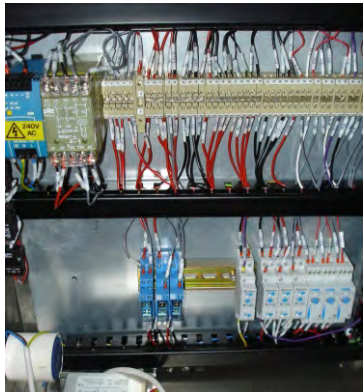
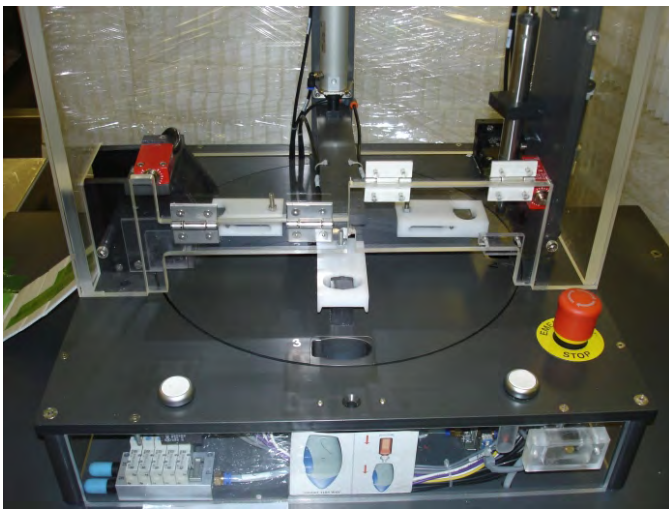
Warwick Design is focused on developing ideas in concert with industry professionals. We are centered on developing high concept designs that ultimately become valuable solutions that work for patients, healthcare professionals, business and industry. The product development processes at Warwick Design assure seamless integrity from design to final production data.

Most importantly, we have a demonstrated capability not only conceive product ideas, but to also assure the idea becomes a viable, trusted product innovation.

We provide high quality design and manufacturing data and pride ourselves on delivering production ready information from which the tools are cut without modification.

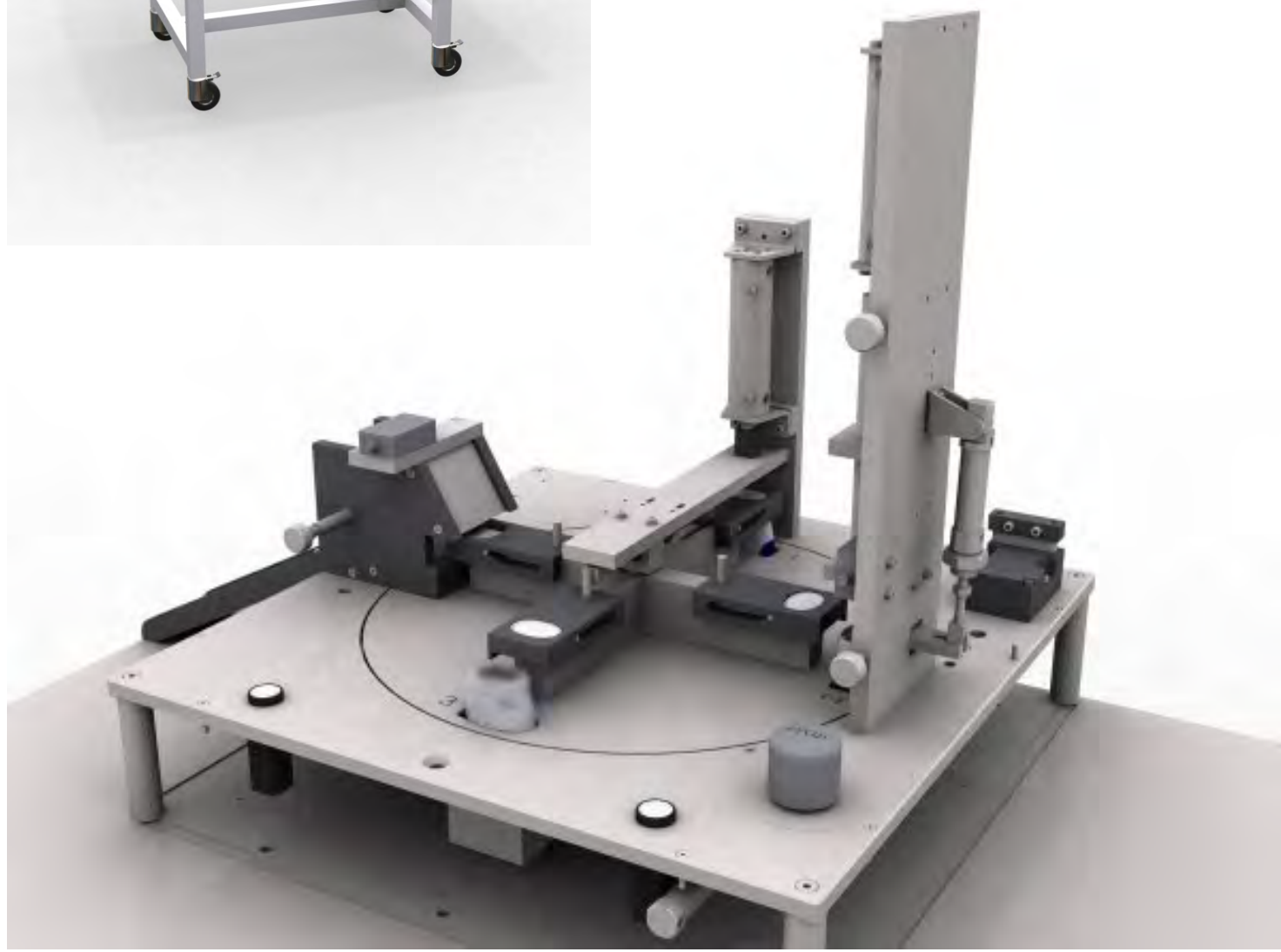


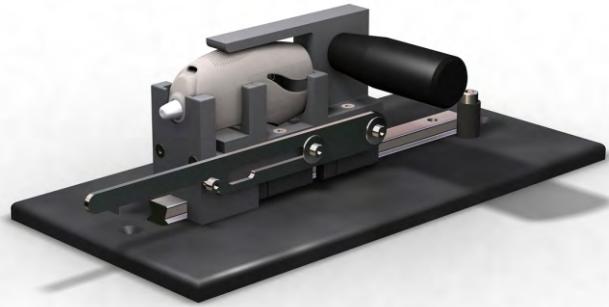
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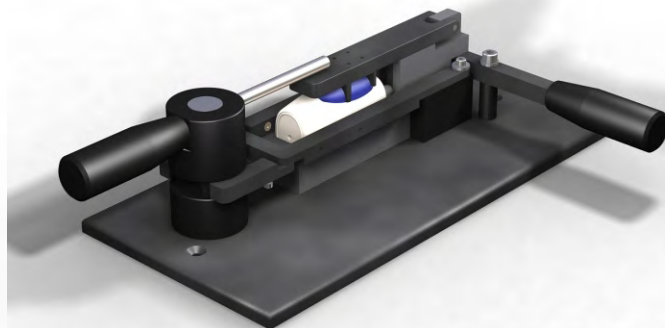
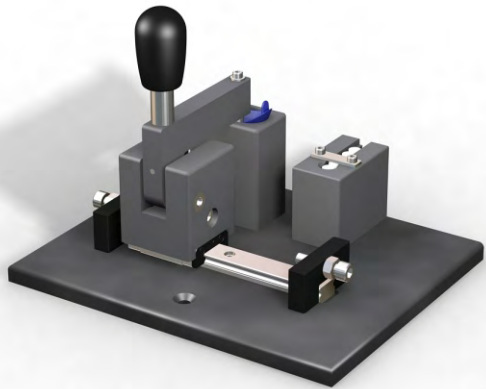
INTRANASAL SEMI AUTOMATIC ASSEMBLY

Two machines designed and built for clinical trial quantities of the device. Validation and instruction manual.
Still in use ten years after delivery.





SUITE OF HAND TOOLS FOR ASSEMBLY
AND DISASSEMBLY OF DELIVERY DEVICES
FOR LABORATORY QUANTITIES.



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