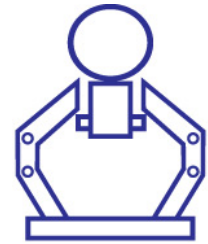


The Automatic **ANDERSEN** Impactor



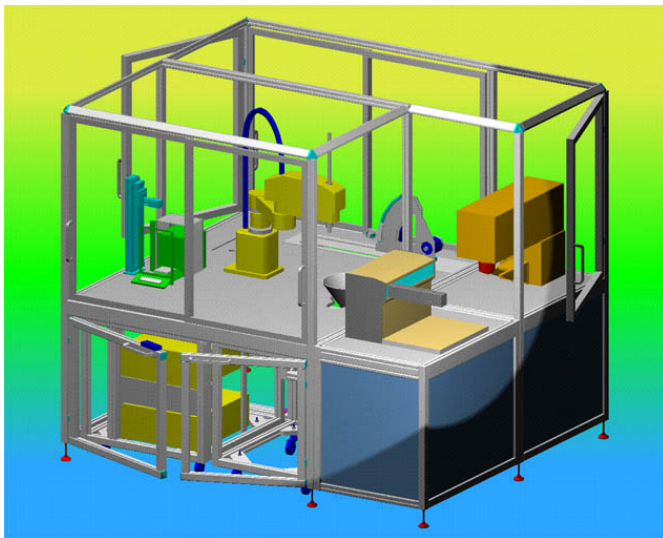
Novi Systems Ltd

A Worlds First From Novi Systems Ltd

We were approached by Fisons over 12 years ago to create a device to emulate a human shaking and inhaler. The first shaker followed and has been used by a number of companies.

As a result of this introduction we began work with Fisons on the design of a new impactor but this project had to be abandoned so it was decided to try to automate the Andersen impactor which is used throughout the world. This is a notoriously difficult task and many other have failed, but after years of work with Fisons and later Astra we have succeeded and are now producing more systems.

For a detailed breakdown of a typical automated system showing how we have tackled the different automation and handling challenges view our other technical articles.



After eight years of development work at Novi Systems, the Andersen Impactor has at last been automated. At the heart of the system is a top class industrial robot that is surrounded by stunning and innovative engineering.

ICTUS Systems are in operation in laboratories producing excellent and valuable results.

Robotics is essentially about manipulating physical objects and Novi Systems have handled a wide variety of these, from liquids through solid objects to powders both hot and cold as the case

studies show. We have worked with a wide variety of robotics including CRS, UMI, Mitsubishi, Epson, Crocus and Fanuc as well as other single axis devices.

Novi is now a mature and successful company that is making large contributions to a number of businesses across industry by moving them forward into advanced automation systems.