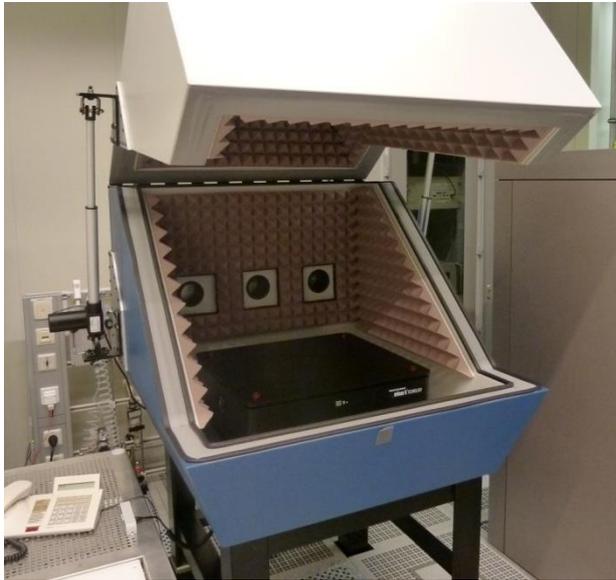


Easy movement of a large cover!



Manufacturer: Novascan Technologies

Just imagine that you work in a laboratory and have to open and close a sound insulating hood several hundred times a day to remove measuring samples. In the evening you feel like you've been weightlifting for 8 hours. Such enormous physical stress quickly leads to fatigue and sickness-related absence from work – not exactly a comfortable and employee-friendly solution!

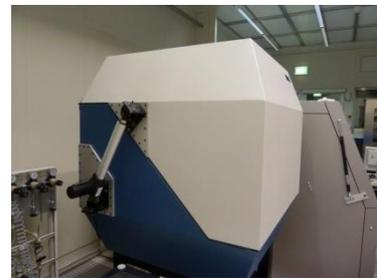
Protecting and relieving the employees

For that reason the American manufacturer Novascan Technologies, one of the leading companies for innovative products in the research sector, has now come up with a

clever solution that protects and relieves the employees and at the same time prevents occupational accidents.

Intelligent solution – simply executed

One of them is the sound insulating hood, which after all weighs 200 kg and is often open and closed 100 times or more in day-to-day operation. Novascan solved this problem as follows: two Linear actuators from Grob Antriebstechnik move the sound insulating hood quickly and silently.



What technology lies behind?

Two linear actuators from the FD series with a maximum load capacity of 3,000 N each ensure the even, precisely positioned movement of the hood. Built-in limit switches prevent the linear actuators from being driven beyond the set end position and getting damaged. The two electrical cylinders are electrically coupled so that they operate synchronously and the hoods open evenly. The operator simply uses the hand-held controller supplied for this.

Would you like to know more about further application cases? No problem, just send us an email describing your application to: info@grob-antriebstechnik.de or phone: +49-(0)7261/92630



Linear actuators from the FD series can accept maximum loads of up to 6,000 N. Synchronous running is easy to implement. Manual operation is possible. Typical applications are: precise positioning tasks in packaging machines, conveyor belts or lifting platforms, opening of sluice doors, container lids, ventilation flaps.