



Expert opinion on the functional quality of the laboratory chair »Labster«

Brief summary

for: bimos
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The »Labster« seating system from bimos

The »Labster« seating system consists of the products laboratory chair, laboratory high chair, laboratory stool and laboratory standing aid. It is an all-round successful concept. The product family was developed in connection with user surveys in the »Lab 2020« research project and in the »Lab Innovation Center« in Stuttgart.

The functional and hygienic qualities of »Labster« were evaluated by the Fraunhofer Institutes of Industrial Engineering and Organisation IAO as well as Manufacturing Engineering and Automation IPA. The following results have been derived from this:

The seating system offers a flexible and spatially economical solution for laboratory work. Special mention should be made of the negative tilt seat in conjunction with the flexible tilt backrest thanks to the »Auto-Motion Technology«, the plastic star base and the special cleaning features of the »Hygienic Design« elements, which for the first time take the special circumstances of laboratory work into account (restricted space, forward tilting and inflexible sitting, cleaning efficiency).

The ergonomic quality of the system such as the support for the spine, footrest, assistance in extending the range of reach is outstanding. The design enables a fast and comfortable cleaning of the product family and ensures very good particle emission values. The chair is ideal for use in laboratories with a GMP certification. It can in principle be used in laboratories from security classes S1 to S3. The small diameter of the very

easy to clean plastic star base leads to a good space efficiency for greater mobility in the laboratory. »Labster« thus ensures a better and safer radius of action for people working in laboratories.

Furthermore, »Labster« stands out from other products on the market in a positive sense thanks to its technical image and the quality of its operation. The encapsulated design of the adjustment mechanism for seat height and backrest lock is easy to operate and not only makes for easy cleaning but also minimises the risk of getting one's hands trapped in the chair.

The amount of seated work will increase in laboratories. »Labster« offers very comfortable seating (e.g. for computer-based work too) and lasting benefits - including for work standing up and work that requires short periods of seating. »Labster« is thus an innovative, ergonomic seating system that satisfies today's and tomorrow's (high) demands on laboratory work to a very large extent. Its intelligent system and the resulting functional flexibility make it a not only ergonomically but also economically outstanding system.

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