

The Aspect Quality test laboratory relies on the BINDER KBF 720 constant climate chamber

Aspect Quality GmbH, a service company in Southern Germany

As an independent test laboratory, Aspect Quality GmbH gives companies in various industries including automotive, electronics and medical engineering the opportunity to qualify products and materials using one test method. At the same time, the service provider also carries out standard requalifications for its customers, which is an important component in the development process.

Homogeneous climate conditions thanks to APT.line™ technology

For environmental simulation testing, the company places special emphasis on uniform test room conditions. Only if each component is exposed to the same test conditions in the chamber, a qualified test report can be generated which meets the required standards and qualifications. It is here that the APT.line™ technology developed by BINDER is proven with its uniform, gentle air circulation. The air that comes in from two sides over large-area

Requirements

- ▶ Qualification of various products and materials using one test method
- ▶ Environmental simulation testing to monitor resistance against humidity and temperature
- ▶ Homogeneous climate conditions throughout the chamber
- ▶ Precise maintenance of constant climate conditions
- ▶ High reliability
- ▶ Documentation of testing procedures

BINDER solution

- ▶ Constant climate chamber KBF 720
- ▶ Temperature/humidity simulation in one chamber
- ▶ Long term stability of testing
- ▶ Independent of the water supply
- ▶ Electronically controlled humidification and dehumidification system with capacitive humidity sensor
- ▶ MCS controller with 25 storable programs
- ▶ Favorable price-performance ratio



side walls creates extremely homogeneous climate conditions throughout the test specimens. This feature is particularly important for Aspect Quality GmbH in meeting the high level of quality requirements.

KBF 720 constant climate chamber – the specialist in its field

There are no limits in the selection of materials. For the service provider, therefore, the ability to quickly and flexibly match the simulation testing with the respective material is important. When testing paints, for example, humidity plays an important role as opposed to testing plastics, where thermal resistance is the focus. For plastics, heat leads to accelerated aging, which can directly lead to safety risks in the automotive industry. Only through material testing using environmental simulation chambers can risks be identified

„For us it is most important to offer the possibility of standardized constant climate and temperature storage at the most competitive and fair prices.“

Markus Theurer, Aspect Quality GmbH

and eliminated. The KBF 720 is the specialist in this area of application. With its high performance reserve, as well as automatic water and wastewater management, it is provided for reliable simulation



▲ Individual material testing

testing and constant climate conditions. Its reliability and durability is proven by its constant use in the standardized testing. The BINDER KBF 720, for example, reliably meets DIN EN 60068-2-78 requirements of constant humidity and heat. This standard is used specifically for testing products that are transported, stored and operated at ordinary ambient temperatures.

Optimal value for the money ensures competitiveness

In addition to the ability to quickly and easily procure equipment, Aspect Quality sees another advantage in a favourable price-performance ratio. For Managing Director, Markus Theurer, the most im-

portant feature of the BINDER KBF 720 is "to offer the possibility of standardized constant climate and temperature storage at the most competitive and fair prices." This is achieved through the relatively low purchase price and the low maintenance costs with low power consumption.

In addition, the independent test laboratory values the many years of experience of the BINDER GmbH in the area of constant climate chambers, high reliability and good conditions.

Customer benefits

- ▶ Unconditionally reliable stability testing
- ▶ Precise maintenance of constant climate conditions
- ▶ Quality "Made in Germany"

Areas of application

- ▶ Cosmetics industry
- ▶ Food and beverage
- ▶ Pharmaceuticals industry
- ▶ Packaging industry



▲ Constant climate chamber KBF 720

Contact Data

Aspect Quality GmbH
BSU Gewerbepark / Gebäude 5
Wilhelmstrasse 162
D-72805 Lichtenstein

Contact Person

Markus Theurer
Tel.: +49 (0) 71 29 93 80-992
Fax: +49 (0) 71 29 93 80-999
Markus.theurer@aspectquality.de
www.aspectquality.de