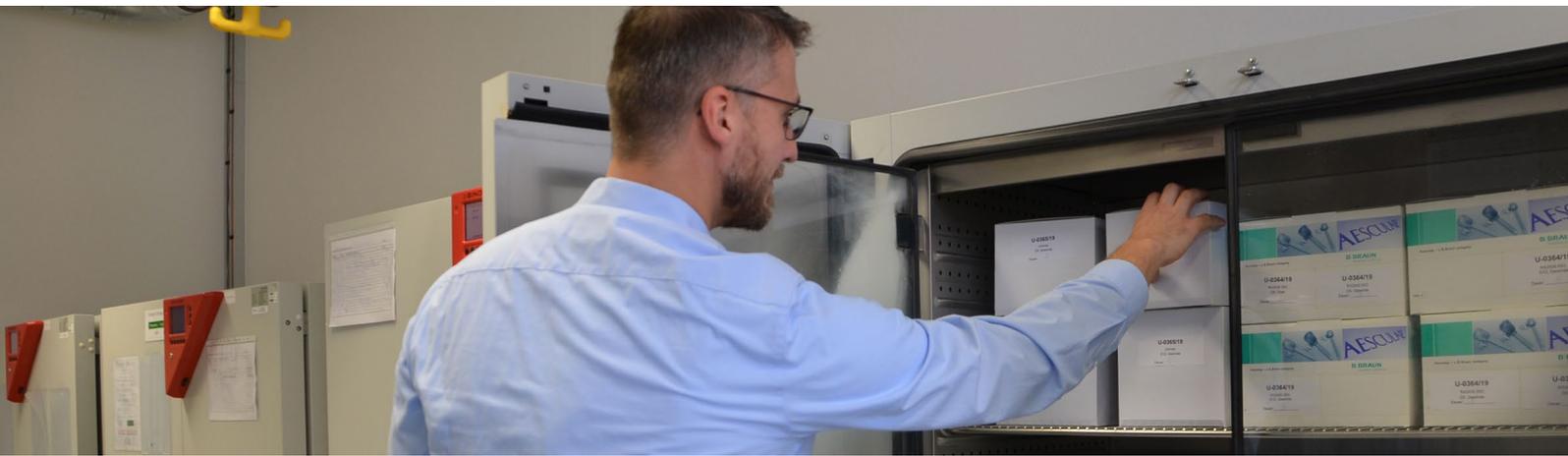


Using constant climate chambers to test the service life of surgical instruments



Applications:

- Testing the durability of trocars
- Determining the service life of trocars
- Defining the durability of packages with trocars
- Defining a use-by date
- Parts are placed in the constant climate chamber individually or as part of a complete package
- Aging test of labels on packaging: legibility and color must not change

Customer requirements:

- Extended temperature range up to 60°C
- Extended humidity range up to 60 percent
- Relative humidity
- Large interior
- Unit self-test
- Touchscreen controller for recording data as evidence
- Running 365 days a year
- Measured value recording

Why BINDER?

What the customer is saying...

Bernd Blender from Aesculap: "We use the constant climate chambers 365 days a year. They're durable and reliable, and provide temperatures, humidity levels, and recordings that are totally accurate. The advice and service we've received from BINDER have also been great." He continues: "All these benefits make BINDER chambers suitable for a whole range of tests in our laboratory."

AESCLAP

Employing 3,700 people at its headquarters, Aesculap AG is Tuttlingen's largest company and manufactures medical devices and medical technology, specializing in surgical tools. The business belongs to a division of the B. Braun group and achieved a sales figure of 1,824 million euros in the 2018 financial year.

BINDER solution: Constant climate chambers from the KBF series

- Temperature range: 0 °C to 70 °C
- Humidity range: 10% RH to 80% RH
- APT.line™ preheating chamber technology
- Humidity regulation with capacitive humidity sensor and steam humidification
- Intuitive touchscreen controller with time-segment and real-time programming
- Internal data logger, measured values can be read out in open format via USB



> KBF 240 model