

BLUM QUALITY

Inside our Blum USA Quality Lab

Our Blum facility is one of five locations throughout the Blum world that has a quality testing lab. In our lab, we focus on the products that are manufactured and assembled right here in our facility. Product chosen for testing comes directly off our production lines and is chosen based on the amount of sales of that product. That means the more popular a certain product is, the more we put it to the test. Our electrical test stands were built by Blum Austria in order to maintain consistent test standards across the globe.

Our lab technicians have more than 20 years each of experience with Blum products. They work with each department at Blum to ensure consistent quality throughout the manufacturing process. On the off chance our technicians notice something during a test, that information is quickly shared with quality and production technicians so adjustments can be made as needed.



Drawer Testing Stands

Since TANDEM is manufactured in our facility, it's the runner we test the most in our quality lab. In the drawer testing stands (pictured above) we perform what we call "Wear and Fatigue" tests. During these tests, weighted drawers are opened and closed 100,000 cycles and must rate a positive test result at the end of those cycles. Along the way, our technicians check the runners at different intervals. They are very picky when grading how the runner is performing. They listen for any noises the runner is making, any sag and feel it opening and closing to ensure it aligns with Blum's high standards.

Another test performed on Blum runners is a "Static Load" Test. This test is also with weight in the drawer. The drawer is fully extended, and additional weight is applied to the right or left corner of the drawer front ten times, for ten seconds each time. Our lab technicians continue adding weight to see exactly how much weight our runners can withstand.



Hinge Testing Stands

In the early 1990s, we had two hinge stands. Today, we have nine stands with the ability to test 18 doors at one time.

There are more than 20 criteria points looked at when each hinge is tested. Like with our runners, the hinges are examined brand new and at certain intervals throughout the testing process. Not only do we look for hinge wear, we also monitor the time it takes for the door to close with our soft close BLUMOTION. In addition, we measure the opening and closing forces, listen for noises and see how the product behaves overall until the completion of the test.

Our hinges are tested to 200,000 open and close cycles to ensure the soft close BLUMOTION engages each and every time, even though the industry standards only require us to test to 50,000 cycles.



Wear and Fatigue testing aren't the only tests our hinges are subjected to in our lab. Weighted tests ensure hinges hold up to the treatment life will inevitably put them through. Have you ever noticed yourself using a cabinet door to help hoist yourself back up after squatting down to look for an item? We've all done it, and often without thinking about it. Blum actually mimics these situations during testing.



For both hinges and drawer runners, we measure the opening and close forces needed for optimum function of Blum products. Digital gauges track the amount of force needed to open and close a door or drawer. By doing so, we ensure the cabinet remains closed, can be easily pulled open and closes as softly as designed.

Karen Smith



Blum is ISO 9001 certified. This is an internationally recognized standard for quality, and it is the most widely used quality standard in the world. To become certified and maintain certification, ISO 9001 provides a framework and set of principles that ensure a consistent approach throughout all areas of the organization in order to consistently satisfy customers. We are proud to maintain our certification as another way our customers can be confident that we put in the effort to make sure our products and services are the very best they can be. You can be assured of consistent quality in every Blum product.

Interested in learning more?

Take a deeper dive into our manufacturing and quality process. By scanning the QR code with the camera on your smartphone, you can get multiple 360° views inside our production facility and learn about our innovative processes.

