

Ultrapure water for the semiconductor industry – Quality and safety thanks to InterApp

Ovivo –
Case Study Water Treatment





Bianca butterfly valves

PTFE-lined, high purity design

Desponia butterfly valves

elastomer-lined, grease-free design

Neptunia check valves

stainless steel, grease-free design

Ball valves

stainless steel, grease-free design

IA Motion actuator

pneumatic



To ensure a failure-free operation and the manufacture of faultless products, ultrapure water has top priority in the field of electronics and in the semiconductor industry.

Ovivo, a globally active company and specialist in water treatment, provides the electronics and semiconductor industry with high-tech systems for ultrapure water in the areas of microprocessors, digital member chips, FPD and TFT. When designing and building, the extremely high standards for pretreatment, make-up and polishing of the semiconductor industry must be taken into account.

The high-purity butterfly valve Bianca is produced in Switzerland. High-purity grade PFA granulate is used for the disc lining. First, all components are cleaned and dried in a special cleaning facility. Then, the butterfly valves are assembled in a clean room of class 10,000 and checked for leak-tightness using ultrapure air. After a functional check, they are packed individually in a double bag and in an overall protective packaging.

For the butterfly valve Desponia in grease-free design, the components are also cleaned and dried in a special cleaning facility and assembled without using of lubricants. The special packaging of the butterfly valves guarantees that they remain absolutely clean until they are installed.

Assembly of the Bianca butterfly valve
in the clean room



We are there for you. With our global expertise in industrial applications, we understand your requirements and offer expert advice at every stage of your project. At the same time, you can benefit from our international product standards thanks to our global know-how. Our highly skilled technical team, coupled with the quality and durability of our products, makes us a reliable partner for industrial valve solutions.