



**KAVO DENTAL GMBH**

**Compact water and air block  
for dental treatment units**

We make ideas flow.

**bürkert**  
FLUID CONTROL SYSTEMS

# Success story lasting several decades

## THE PARTNERSHIP WITH KAVO

When it comes to dentistry and dental technology products, KaVo Dental GmbH is one of the world's leading companies and a pioneer in the dental market. The company's products feature an attractive design, optimal space utilization and an innovative operating concept. For KaVo, the goal is to offer the perfect custom treatment unit for every requirement, from a single source. And this is where Bürkert comes into the picture.

### Complete confidence in safe solutions

Smoothly functioning technology is essential for both doctors and patients. This means that the treatment units must fulfil very stringent requirements and must be designed for reliable, safe, hygienic, quiet and unobtrusive operation. The challenge is to constantly develop and adapt the technology to the changing needs and requirements of dentists and their patients.

All requirements fulfilled: For all media input components KaVo puts its trust in Bürkert's special system competence and expertise. Bürkert supplies the entire water and air block for the dental treatment units. These are supplemented by other components, assemblies, spare parts and maintenance sets. The current system solutions for the air and water block were already developed about 20

years ago in cooperation between Bürkert and the customer, and the solutions are continuously being improved.



Source: KaVo Dental GmbH

## Did you know?

**New projects are now implemented by the Systemhaus in Criesbach, which was established especially for these system developments. The customer is involved from the very beginning and throughout the development process.**

# Focus on the Bürkert solution

## Fully thought-out:

### The water block as a hygiene centre

The hygiene centre is a complete water treatment and purification unit. It supplies the entire treatment unit with water of different qualities and at different pressures and flow rates, in addition to purifying the water as necessary. The water block separates the treatment unit from the public drinking water supply, which complies with the applicable national standards and directives: an integrated air gap ensures that no water from the purification circuit can be sucked back into the domestic water lines.



## Always the right pressure:

### The air block

The air block is a pressure supply component for use in dental treatment units. It contains various pressure controllers and features an integrated filter and condensate separation function. The entire air is purified with a medical filter and the accumulating condensate, which consists of water and impure particles, is automatically separated during operation of the unit.

## You always benefit

from our system competence ...



### Everything from a single source:

Comprehensive system competence for well thought-out solutions



### Safety in development:

Perfect understanding of all product requirements



### Short implementation times:

Close cooperation saves time during development



### Increased flexibility:

Short response time of the in-house Kanban warehouse to meet rising demands



### Reliable quality:

Based on 30 years of joint experience in the applications

WE CONTINUE TO LEARN FROM YOU ON A DAILY BASIS –  
AND THINK OUTSIDE THE BOX.

When it comes to dealing with liquids and gases, Bürkert has become  
a sought-after partner all over the world.

**Why?** Probably because we have been learning for and from our customers  
for more than 75 years now. This enables us to always think that crucial step  
ahead... and around the bend.

For your added value. Let us prove it to you – we look forward to your challenge.

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