



# ULTRADENT



**Fridolin** Compact unit  
Pediatric treatment

# Fridolin.

## Idea and expertise.

Treating children poses a particular challenge for patients and dentists alike. Children are often rather scared when they visit the dentist, and the dentist needs to deal with their fears before actually being able to treat them. In collaboration with two experienced pediatric dentists, Dr. Verena Bürkle and Dr. Nicola Meissner, ULTRADENT has developed a new treatment unit designed especially to meet the needs of modern pediatric dentistry.



**Dr. Verena Bürkle**

studied pediatric dentistry in the USA and completed certified training courses on the use of nitrous oxide, child hypnosis and traumatology. She has worked as a scientific assistant in the pediatric department of the Munich dental clinic. In 2003, the German society for pediatric dentistry nominated her as a specialist in pediatric dentistry. Together with Dr. Nicola Meißner, she established a pediatric dentistry practice in the same year. Since 2004 she has been managing the Austrian society for pediatric dentistry and prophylaxis. Together, the two dentists hold seminars and courses on pediatric dentistry and make international appearances as authors and speakers.

*"We have undergone special training in hypnosis, as magicians and in psychology. These methods help us to distract children, help them relax, cheer them up and thus prepare them for treatment. This children's treatment unit plays a key role here."*





# Fridolin

## Treatment tailored to children's needs.

Children "scale" the couch themselves, therefore effectively conquering it. A non-slip step and a sturdy fixed pole, which also supports the treatment lamp, are used for this purpose. In this way, fear is prevented right from the start, making it possible to build up trust quickly and in a playful way. The wide range of color options contribute to a child-friendly and fear-free environment, making the treatment more relaxed for both parties.



Dr. Nicola Meißner

studied and obtained a doctorate at the University of Regensburg, after which she spent five years working as a scientific research and teaching assistant at the polyclinic for tooth preservation and parodontology. She spent a further five years working in an independent dental practice/pediatric dental practice. She has attended certified training courses in child hypnosis, nitrous oxide in dentistry, traumatology and the "Curriculum Kinderzahnheilkunde" (Pediatric dentistry curriculum) of the Akademie Praxis und Wissenschaft (Academy for Practice and Science). In 2003 she teamed up with Dr. Verena Bürkle to establish a shared practice for pediatric dentistry. Together, they hold seminars and courses on pediatric dentistry and make international appearances as authors and speakers.

*"This type of couch has become well-established in pediatric dentistry over recent years. Prototypes have been intensively tested in our seminars for their suitability in dental practices. The end result was a great deal of praise and approval for the product. What's more, this children's couch highlights our specialisation, with the result that other practices refer patients to us."*



Finish: RAL 9016 white, upholstery: sapphire blue

# Fridolin.

Function and technology.

Developed especially  
for children.



## Fear-free, fun treatment.





### The variable dental unit.



Operating Fridolin dental units is safe and easy. The flexible ULTRADENT fitting system provides the ideal instruments for all possible treatments. For the first time ever, it has been possible to integrate a powerful, high-torque electronic micromotor into a pediatric treatment unit.

Up to 4 holders can be fitted with instruments as required. With a pivot arm mechanism the dental unit, together with its real glass display panel is additionally height-adjustable and can be moved to the exact treatment position required.

### Operation.



The wireless foot control allows free movement around the patient and ideal positioning for operation using the left or right foot.

### Easy access.



The anatomically shaped contours of the couch provide both dentist and assistant with free access to the patient. This allows treatment to proceed quickly and safely, while also being fully ergonomic. Children are treated in a natural lying position, in which their heads can be moved easily. As a result, it is the position of the child rather than the couch that is adjusted.

### Suction.



Another special feature of this pediatric couch is the suction system. Dentists have two different installation options to choose from. A hose holder integrated directly into the couch makes it possible to connect the Fridolin pediatric treatment unit to the connection point

on a conventional treatment unit. This is an important factor in the simple, cost-effective integration of a "children's room" into an existing practice setting.

### The rear-of-head version.



The suction equipment can also be positioned as a rear-of-head system, which is the conventional option for treating children. This is a particularly appropriate alternative when redesigning an existing treatment configuration.

Just like the dental unit, the tray is mounted on a pull-out mechanism. A cabinet module with a special door makes it possible to completely conceal the equipment.

## Product details.

### For individual treatment configurations.

### Fridolin will enable you to meet all hygiene requirements.

The pediatric treatment unit, created jointly with Baisch, has a steel substructure offering substantial advantages:

The Fridolin treatment unit meets the toughest hygienic requirements, is extremely stable and durable and, unlike wood, is not susceptible to swelling. What's more, steel can be coated in any color using robust,

high-quality varnish.

The children's couch is fitted with all the necessary technology at ULTRADENT in Munich and is finished in accordance with the requirements of medical product legislation – it goes without saying that Fridolin also has CE certification.

### Valve module.



### Fridolin

also lays the ideal foundations for technical servicing. The electronic/valve module for the drives is also mounted on a pull-out mechanism, thus enabling direct access and allowing components to be exchanged quickly and easily.

### Water supply.



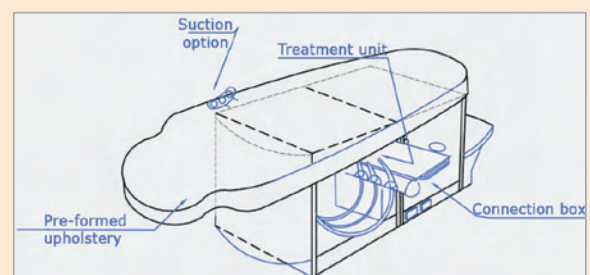
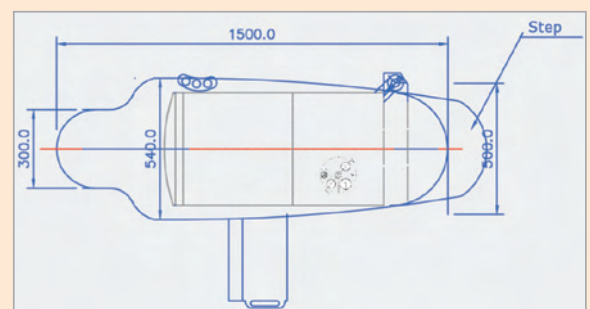
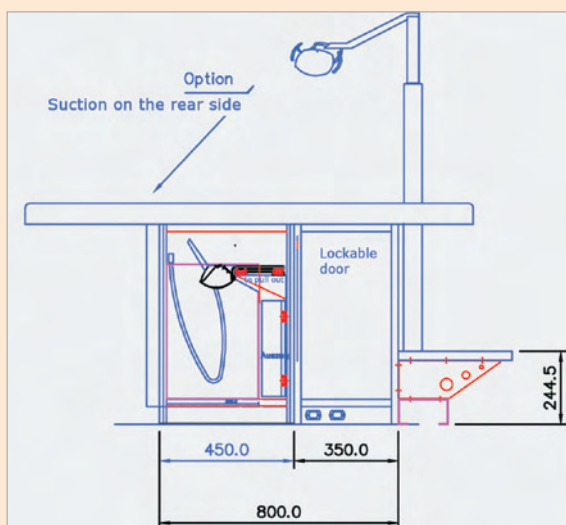
### Fridolin

has, in its basic configuration, its own water supply from a pressurized water bottle. All the connection technology is concealed behind a lockable door and allows for simple, problem-free installation. The unit can be connected to both wet and dry suction systems.

### Assembly.

Fridolin has compact dimensions. As a result, the unit can also be used to integrate pediatric treatment into small rooms.

The treatment lamp, fixed to the "climbing pole", can be easily adjusted and focused. The height of the pillar has been specially designed so that small patients cannot bump into the horizontal arm when "conquering" the couch.



All the necessary media are connected to the unit via a central connection point. Thanks to its special design (with a choice of pressurized water bottle or separator), Fridolin meets all the German requirements for connecting dental units to the public drinking water supply (DVGW/Drinking Water Ordinance).

# Color concepts for individualists


















## Product details.

The upholstery colors can be chosen from the current ULTRADENT upholstery sample card.

A wide variety of **individual** colors.

## Upholstery colours

*The sample colours here may differ slightly to the product you receive.  
Please request an upholstery fabric sample card from ULTRADENT.*

 5023 T Pastel blue	 5503 T Saffron yellow	 1300 T Zinc yellow	 3019 T Peach	 3491 T Light blue	 1011 T Pale grey
 5003 T Sapphire blue	 7791 T Salmon orange	 6001 T Hazelnut	 5515 T Apple green	 4003 T Violet	 7502 T Anthracite grey
 1007 T Black	 1604 T Bordeaux	 3494 T Silk grey	 3493 T Aquamarine	 9002 T White	

*Particularly high-quality, genuine leather upholstery, resistant to wear-and-tear, as used in the automotive industry:*

 Black	 Jazz blue	 Grey	 Helios	 Light beige	 Saffron
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## Fittings.

### Standard features

#### **Fridolin compact unit/pediatric treatment unit with:**

Integrated dental unit  
Light turbine fitting  
Lamp pillar with operating lamp  
Functions can be preset using foot control  
Membrane or real glass display for unit settings  
Chip blower for all motors and turbines  
Spray for all drives, non-suckback  
Spray water heating in unit body

#### **Solaris LED A built-in lamp**

5,000 degrees Kelvin  
8,000 - 35,000 Lux, adjustable

#### **Supply unit with:**

Low-voltage power supply  
Water heater  
Main switch  
Pressurized water bottle /  
or DVGW separator

#### **Colors**

Finish: RAL 9002 grey-white  
Special finishes for extra charge  
Upholstery can be selected from  
current upholstery sample card

### Additional fittings (extract)

#### **Fridolin**

Dental unit with height adjustment  
Air/water syringe, 3-way  
Air/water syringe, 6-way  
Light turbine fitting  
ULTRADENT K 2 micromotor with fibre optic  
Tartar remover, piezoceramic  
Tartar remover, piezoceramic, with light  
Without hose holder (for version with rear-of-head suction unit)  
Automated separator  
Supply unit with separator (instead of pressurized water bottle)

#### **LED built-in lamp**

5,000 degrees Kelvin  
8,000 - 35,000 Lux

#### **Dentist's chairs**

Ei-UD  
Pluto



(Fridolin with rear-of-head suction unit, see also page 5 of this brochure)

# ULTRADENT

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