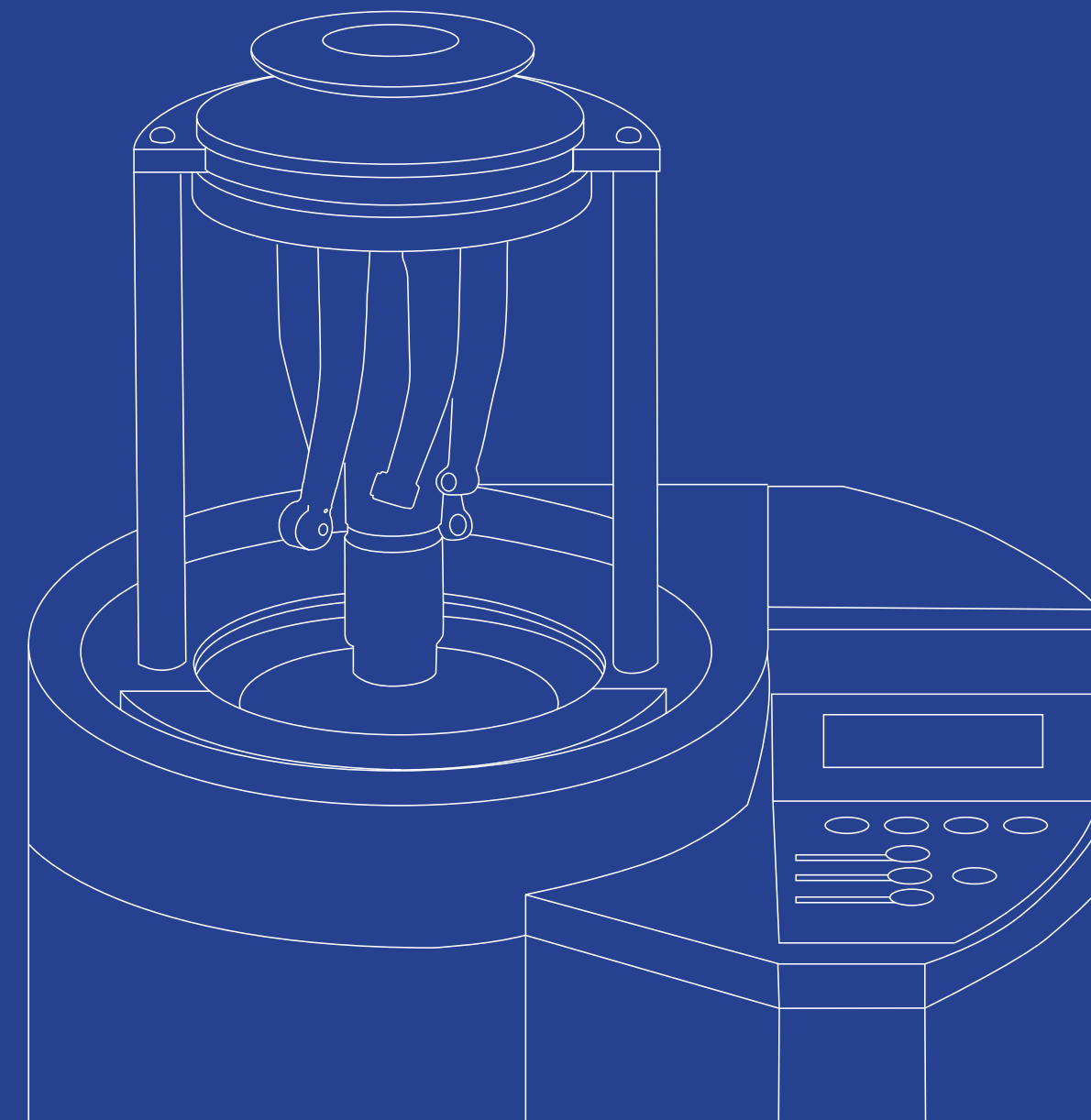


DAC UNIVERSAL

FOR B.A. INTERNATIONAL



SIMPLE.
SAFE.
SUPERIOR.





DAC UNIVERSAL COMBINATION AUTOCLAVE

DAC Universal cleans, lubricates and sterilizes six handpieces and turbines in just 12 minutes. The fully automated process removes even the most resistant bacteria and will save you both time and money.

Cleaning

The unique cleaning program of the DAC Universal ensures the highest level of instrument hygiene. The cleaning process is performed according to the International standard for washer-disinfectors ISO 15883, and its efficacy is tested by several leading dental institutions and universities.

Sterilization

The sterilization process of the DAC Universal conforms to the european standard for small steam sterilizers EN13060. Moreover, its efficacy is validated according to the international standard ISO 17665, which describes the requirements for validation and routine control of sterilization processes for medical devices.

Lubrication

Proper maintenance helps extend the lifetime of rotating instruments. DAC Universal's lubrication system is tested and approved by leading international manufacturers of handpieces and turbines.



ONE MACHINE UNIVERSAL HYGIENE



Rotating Instruments

Using the standard lid of the DAC Universal, you will have up to six thoroughly cleaned, lubricated and sterilized handpieces and turbines ready for use. The three standard programs secure full hygiene, while the wide range of adapters ensures genuine universal capability for different handpieces and turbines.



Wrapped Instruments

For instrument storage or invasive treatments, a special lid and program for wrapped instruments is available. This program must be performed in addition to a standard cycle and sterilizes up to three wrapped instruments.



Solid Instruments

The basket for DAC Universal provides the possibility of cleaning and sterilizing solid instruments in one fast and fully automated process. This minimizes the risk of incorrect handling as well as protecting the clinical staff from possible injuries from sharp instruments.



THE TECHNOLOGY

THE FULLY AUTOMATED PROCESS

The DAC Universal cleans, lubricates and sterilizes up to six handpieces and turbines in a fully automated process in just 12 minutes.

All you need to do is to place the instruments on the lid and press the “start” button. It doesn’t get much simpler, cleaner and safer than this.

Furthermore, DAC Universal offers special programs for cleaning and sterilization of solid instruments as well as sterilization of wrapped instruments.



Internal Cleaning

- Step 1 Leak test
- Step 2 Internal cleaning: The internal channels are flushed with water



Lubrication

- Step 3 Lubrication: The drive channels are lubricated



External Cleaning

- Step 4 External cleaning: the instruments are cleaned with pulse wash
- Step 5 Hot wash: Steam at 107°C
- Step 6 Heating procedure: to 134°C
- Step 7 Back flush: Saturated steam is forced through the instruments



Sterilization

- Step 8 Sterilization: 3 minutes at 134°C
- Step 9 Back flush
- Step 10 Drying
- Step 11 Lid opens slightly
- Step 12 Lid opens completely when pressing the “C” button



TURNING HYGIENE COSTS INTO PROFIT

The DAC Universal helps you turn good hygiene into a profitable bottom line. You get a number of financial advantages, which strengthen your business.

Instruments Last Longer

Proper maintenance is required to ensure a longer life for any item of dental equipment. This is very important in connection with your handpieces and turbines.

The DAC Universal always ensures perfect cleaning and lubricates the rotating instruments with exactly the required amount of oil. DAC Universal's lubrication system is tested and approved by leading international manufacturers of handpieces and turbines.

Saving Staff Time

Thorough manual cleaning, lubrication and sterilization are time-consuming processes. With the DAC Universal, however, this all takes place automatically. The time saved can be used on other patient-related tasks, which ensures improved service for your patients.

Reducing Oil Costs

Manual lubrication of handpieces and turbines is often associated with excessively large oil waste. With the DAC Universal, however, lubrication occurs as an integral part of the fully automated process. this means that the instruments are always lubricated and get exactly the required oil dosage. The precise dosage means you save up to 80 per cent of yournormal oil consumption.

Calculation Basis

1 dentist, 20 patients / day, 3 instruments / patient, 1,000 instruments
200 workdays / year = 12,000 instruments / year

Cost Per Month

1,000 instruments

Manual Preparation



Work hours (1,000 instrument preparations)	41.6 hrs. 2.5 min per instr.	8.3 hrs. 0.5 min per instr.
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Staff cost per month €2,500 (€15/ hr.)	€624	€125
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Oil consumption 150 instr. per spray bottle (€25.00 each) / 1,500 instr. per NitramOil bottle (€60.90)	€167	€41
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Total	€791	€166
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Savings per month		€625
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Your investment		€6,520*
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Amortization Within

11 Months

(*Price example. Recommended retail price; 2011, Germany)



SMART DESIGN

PERFECT FIT FOR YOUR CLINIC

You won't even notice it. The DAC Universal is designed to fit naturally into all dental clinics. In its development, our engineers sought to create a machine that is easy to handle and makes as few demands as possible on the clinic's interior arrangement.

Made To Fit In

The machine has a small footprint so it does not take up unnecessary space. This makes it ideal foreven small clinics.

Low Noise Level

No annoying humming sounds. You and your colleagues can enjoy a pleasant working environment.

Low Weight

Requires only one technician for moving, which reduces your handling costs.

Closed Oil System

No air suction system is required. This saves costs and ensures a healthy indoor environment in the clinic.

TECHNICAL INFO

CHECK OUT THE DETAILS

Specifications

- Water quality: Demineralized or distilled water below 3 µS
- Power consumption: 1,100W (at 230V AC)
- Water tank capacity: 2.0 L
- Oil bottle capacity: 0.2 L
- Width of machine: 36 cm
- Depth of machine: 37 cm
- Total height of machine (open): 53 cm
- Total height of machine (closed): 35 cm
- Mains supply: 90-120V AC / 190-240V AC

Installation

- Pressurized air
- Drain
- Electricity
- Manual or automated water supply

Programs

- **Standard program**
134°C, 3 min. Sterilization total cycle time: approx. 12 min.
- **Standard program**
134°C, 18 min. Sterilization total cycle time: approx. 27 min.
- **Standard gentle program**
121°C, 15 min. Sterilization total cycle time: approx. 24 min.
- **Wrapped program***
134°C, ca. 3 min. Sterilization total cycle time: approx. 22 min.

* Requires lid for wrapped instruments see page 8





ACCESSORIES DAC UNIVERSAL



Extra Lid

After the cycle has finished, the lid and the instruments may still be hot. With an extra lid, you can start a new cycle straight away to optimize your workflow.

Code: 60 51 739



LID FOR WRAPPED INSTRUMENTS

Designed to sterilize up to three wrapped instruments at the same time. This provides extra flexibility to your workflow, when your other autoclave is not available.

Code: 62 59 092



BASKET FOR SOLID INSTRUMENTS

With the additional basket for DAC Universal, solid instruments are easily cleaned and sterilized quickly and fully automatically.

Code: 61 26 200



LID HOLDER

Ensures ergonomically improved working procedures when many instruments have to be handled during the day. Can be placed on the table or mounted on the wall.

Code: 62 59 109



USB DATA STORAGE

DAC Universal supports a range of USB solutions for storage of temperature and pressure measurements, e.g. from SegoSof.

Please contact your local dealer for further information



PRINTER

Prints out measurements of pressure and temperature from each cycle to provide documentation that the relevant parameters are met.

Code: 60 78 526
Roll Of Paper (5/pack): 61 26 341



NITRAM OIL #2

Lubrication for use in DAC Universal

Code (1x 200ml can):
62 59 118-1

Code (6x 200ml can):
62 59 118



NITRACLEAN

Removes oil residues from your DAC Universal. Can be used in standard programs. 100 pack

Code: 60 53 842



NITRADEM FILTER

The NitraDem water treatment systems use the NitraDem filter for producing demineralized water from standard tap water. this highly efficient water filter cleans the water through ion exchange.

Code: 60 78 583

NITRADEM E/A

A user-friendly water treatment system that, like NitraDem Direct Connect, provides demineralized water. NitraDem E/A is designed for manual refilling of DAC Universal and other autoclaves in your clinic.

Please contact your local dealer for further information



HOLDER FOR INDICATOR

Holder for chemical and biological indicators used for routine control of the sterilization process in the DAC Universal.

Code: 60 51 788



SPORE TESTER

Process Challenge Device (PCD). Chemical and biological indicators can be loaded into the device for routine control of the internal sterilization process of the instruments.

Code: 60 51 820

NITRADEM DIRECT CONNECT

A modern water treatment system that provides your DAC Universal and other autoclaves with demineralized water so you do not have to manually refill them. NitraDem Direct Connect complies with european standard EN1717, which contains guidelines for the prevention of backflow of water into the public water system. Up to three autoclaves can be connected at the same time, depending of the type of autoclaves.

Code: 62 59 852

ADAPTERS THE WIDEST SELECTION ON THE MARKET



Contra-Angle Adapters Available For The Following Fittings:

ISO/INTRAmatic®	Code: 60 51 903
KaVo contra-angle heads	Code: 60 51 663
Sirona TE/T1 Classic handpiece	Code: 60 51 705

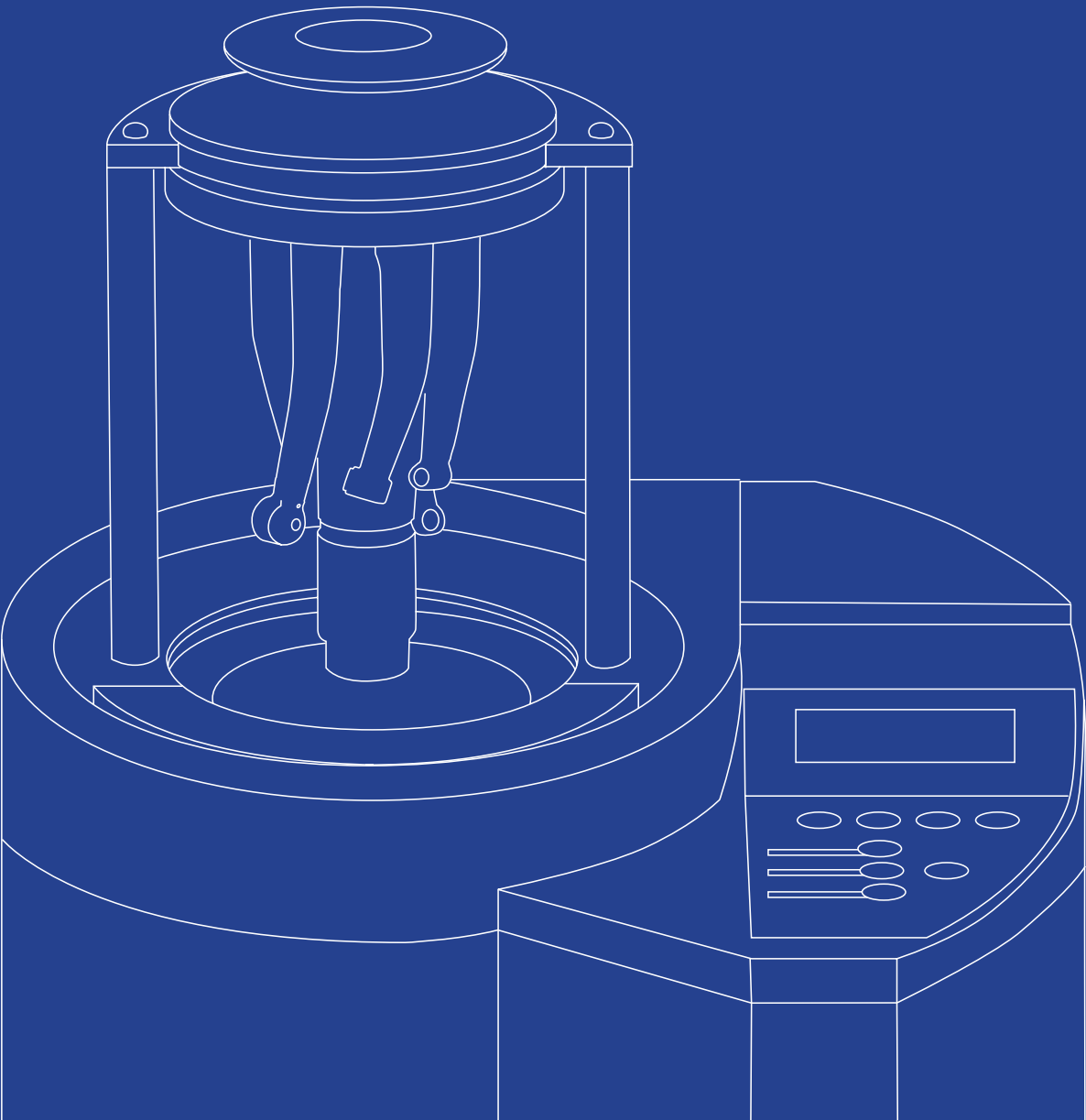


Turbine Adapters Available For The Following Fittings:

BienAir UNIFIX type handpiece	Code: 60 51 713
Castellini CERAMIC FREEDOM handpiece	Code 60 51 762
Fixed connection Borden 2/3 hole	Code: 60 51 861
Fixed connection Midwest/ISO 4/5 hole	Code: 60 51 853
KaVo MULTIfex	Code 60 51 655
Morita Alpha type handpiece	Code: 60 51 911
Morita CP4 type handpiece	Code : 60 51 929
NSK Phatelus type handpiece	Code : 60 51 804
NSK QDJ type handpiece	Code: 60 51 812
Sirona Quick Coupling R/F/B type handpiece	Code : 60 51 697
W&H Roto Quick type handpiece	Code: 60 51 689

For more available models please contact your local dealer

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Dealer Name and Details: