

DAC UNIVERSAL

CLOSE YOUR HYGIENE GAP.



SIRONA.COM

The Dental Company

sirona.

REPROCESSING IN NEXT TO NO TIME.

Practice hygiene is becoming more important and is monitored increasingly. Ensure protection for your practice team and your patients without time-consuming manual cleaning, but rather with the DAC UNIVERSAL. The combination autoclave cleans, lubricates and sterilizes up to six straight and contra-angle handpieces as well as turbines at the push of a button. You can now also reprocess ultrasonic tips and handpieces, attachments for multifunctional syringes and solid instruments with maximum hygienic safety in the DAC UNIVERSAL.

Enjoy every day. With Sirona.

ELIMINATE HYGIENE RISKS? POWER UP DAC UNIVERSAL!

Comply with hygiene standards with just the touch of a button and avoid cross contamination: Be safe with DAC UNIVERSAL! Your patients and staff can rely on this all-round protection and put their complete trust in the treatment with the reprocessed and disinfected or sterilized instruments.

VALIDATABLE
PROCESS

FULL
FLEXIBILITY

GENTLE
REPROCESSING

CONFORMITY WITH STANDARDS

The sterilization process of the DAC UNIVERSAL meets the requirements of the European standard EN 13060 for small steam sterilizers. The cleaning and disinfection process is carried out in correspondence with the international standard ISO 15883 for washer-disinfectors.

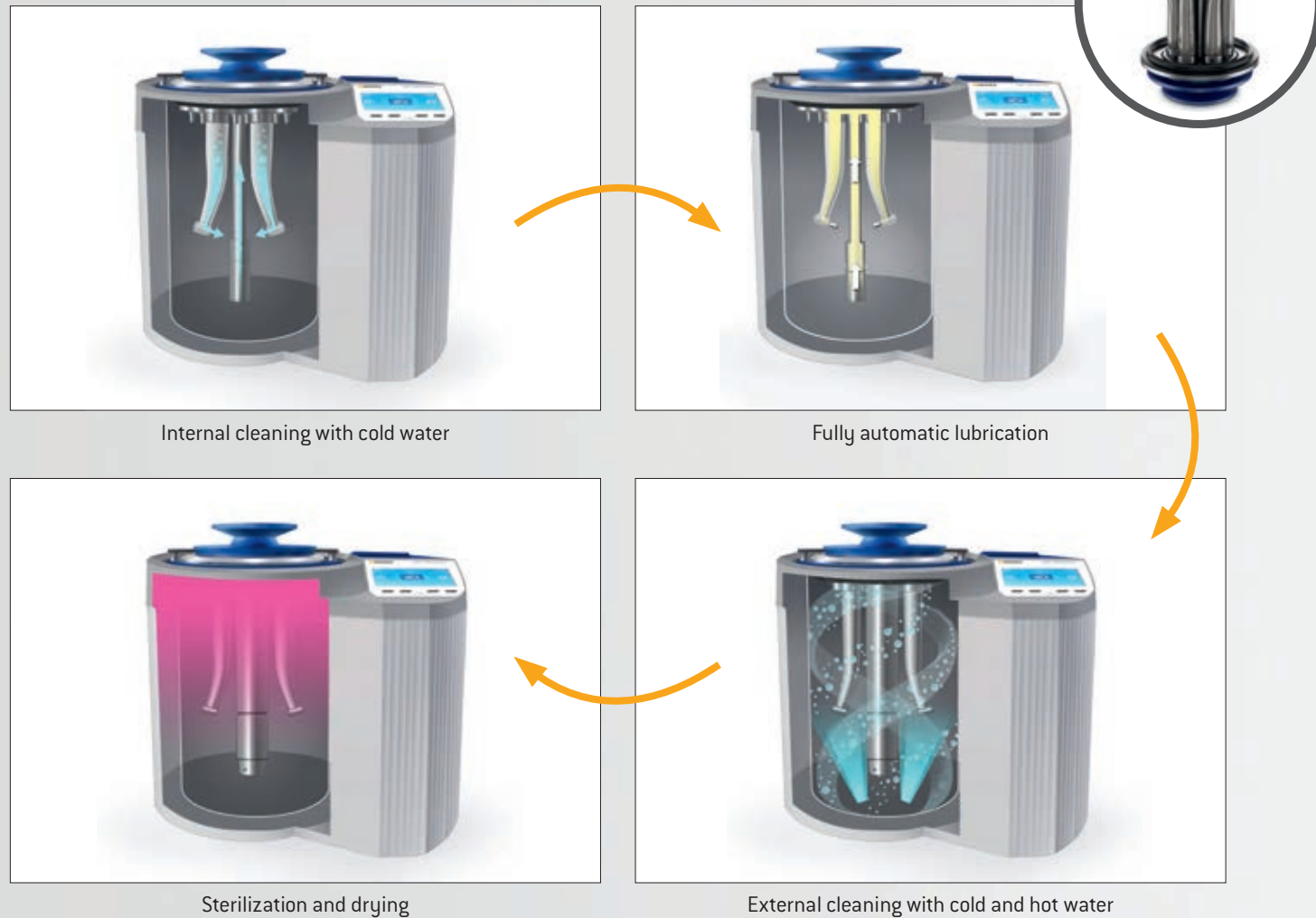
PROCESS VALIDATION

The performance of the DAC UNIVERSAL is tested in the factory and confirmed with a certificate. This allows for simplified initial validation on site. The two-year maintenance of your DAC UNIVERSAL can be carried out simultaneously with the revalidation.

HYGIENIC SAFETY AT THE TOUCH OF A BUTTON.

The touch of a button is all that is required for the special lid to close and for DAC UNIVERSAL to begin its decontamination program. Your instruments are then fully automatically and completely reliably decontaminated. All the hygiene steps of instrument reprocessing, such as cleaning, if necessary lubrication, disinfection or sterilization are performed in a closed hygiene cycle. It's just that easy to eliminate sources of error and to achieve clean results.

REPROCESSING OF ROTATING INSTRUMENTS IN JUST ONE CYCLE (STANDARD LID)

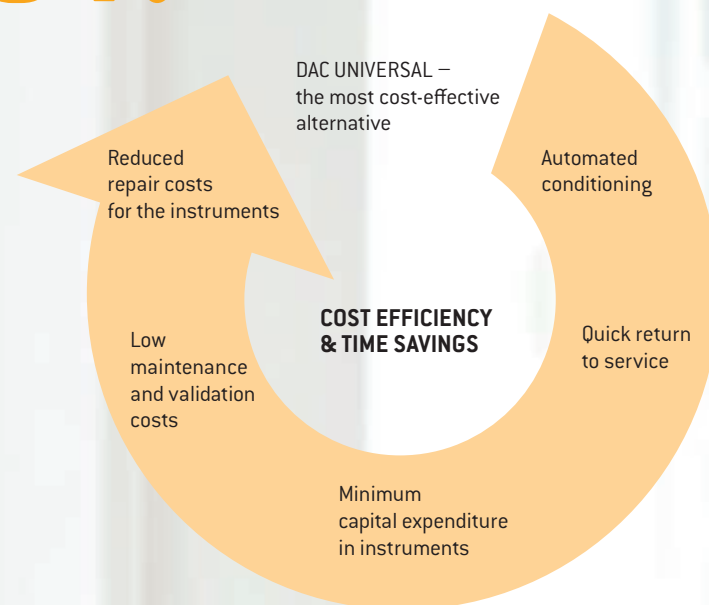


REPROCESSING WITH THE FLEX LID



SOLID INSTRUMENTS
Place up to 5 solid instruments such as probes, mirrors and curettes (with no hollows) into the provided wire basket. The instruments are cleaned and disinfected (unwrapped sterilization).

MAXIMUM TIME SAVINGS AND COST- EFFICIENCY.



Save costs:

Protection and preservation of your instruments

Proper care of your rotating instruments helps extend their service lives. The DAC UNIVERSAL lubrication system has been tested and approved by leading international manufacturers of straight and contra-angle handpieces and turbines.

DEMINERALIZED WATER FROM A SAFE SOURCE.

Our water treatment systems provide demineralized purified water for your DAC UNIVERSAL and other autoclaves: NitraDem Direct Connect and SIRODEM cost-effectively supply your hygiene systems with the highest quality demineralized purified water. As a result, you protect your hygiene systems and instruments, extend their service life and reduce your repair costs.



QUICK, EASY AND PERMANENT WATER SUPPLY FOR YOUR HYGIENE SYSTEMS: NitraDem Direct Connect

- Acc. to DVGW*, complies with the “free outlet” of the European standard EN 1717, which avoids a direct connection between the water supply and autoclaves.
- In the event of a drop in pressure in the water supply, contamination of the public drinking water supply is excluded.
- An LED display indicates the current status of the filter and the optimum time for filter replacement.



DESALINATED WATER IN SECONDS: SIRODEM

The mixed-bed desalinator SIRODEM is ideally suited for the simple and cost-effective generation of pure, fully desalinated water. This unpressurized system can be attached in seconds and at an excellent quality wherever fully desalinated water is required.

- Specially designed for the individual needs of your dental practice.
- The conductivity meter is directly attached to the cartridge and displays the purity level of the water.
- A constantly high quality of water is guaranteed.
- Wall unit for connection to the water supply with free outlet of pure water.
- The desalinated water is manually filled into your devices.

* Deutscher Verein des Gas- und Wasserfaches (German Association of the Gas and Water Trade).

DAC UNIVERSAL

TECHNICAL DATA, DOCUMENTATION, PROGRAMS

Technical data	DAC UNIVERSAL
Installation prerequisites	
Voltage	90-120V AC / 190-240V AC, 50 / 60 Hz
Power consumption	1,1 kW
Compressed air connection	Input pressure: 5.0 - 8.0 bar; max. Short-term air consumption: approx. 60 NI/min at 5 bar
Capacity of the oil tank	0.2 l
Capacity of the water tank	1.8 l
Water consumption	Approx. 600 ml per cycle (standard program)
Water quality	< 3 µS
Height open/Height closed (with STANDARD lid) x Width x Depth	53 cm / 35 cm x 38 cm x 37 cm
Equipment: unwrapped/solid	6 / 5 instruments
Weight	23 kg
Minimum distance from wall/ceiling	10 cm / 70 cm




Documentation	
RS 232 connections	Printer, documentation software, USB adapter, memory sticks, memory cards, etc.
Printout	Selected sterilization program, date, time, batch number, vacuum, pressure, temperature, serial number, deviation, etc.








Programs	
Sterilization program	Standard program 134 °C, 3 min. sterilization Total cycle time: approx. 16 min.
Selection options	Standard prion program 134 °C, 18 min. sterilization Total cycle time: approx. 32 min.
The cycle times may vary depending on the working environment in which the autoclave is operated.	Standard gentle program 121 °C, 15 min. sterilization Total cycle time: approx. 28 min.
	Program for solid instruments* Individual selection of standard, sensitive, or prion program, but not including lubrication. The cycle times remain the same.
Disinfection program	Program for ultrasonic scalars, ultrasonic tips and syringe nozzles** 134 °C, approx. 3 min. sterilization Total cycle time: approx. 22 min.









* BASKET lid required.

** FLEX lid required.

ORDER INFORMATION AND ACCESSORIES

DAC UNIVERSAL	REF.
 Equipped with: <ul style="list-style-type: none"> STANDARD lid without adapters 1 can of NitramOil care concentrate "STANDARD" indicator holder Air filter 	65 43 321 (DE) 65 40 087 (EUROPE) 65 40 079 (GLOBAL)
 Installation kit, syphon consisting of: <ul style="list-style-type: none"> Syphon with direct connection Regulator Water filter Holder for air filter Filter for filter housing (pack of 6) NitraClean tablets (pack of 100) Chemical indicators, class 5 (pack of 100) 	64 33 267
 Installation kit, drain tank consisting of: <ul style="list-style-type: none"> Drain tank Regulator Water filter Holder for air filter Filter for filter housing (pack of 6) NitraClean tablets (pack of 100) Chemical indicators, class 5 (pack of 100) 	64 33 275




DAC UNIVERSAL accessories	REF.
 NitramOil care concentrate (white, 6 Fl.) for series No. 100 000 – 103 999 and 200 000 – 201 999	60 86 628
 NitramOil care concentrate (blue, 6 Fl.) with DAC UNIVERSAL with Wrapped Ready for series No. 104 000 – 199 999 and 220 000 – 399 999 and > 500 000	62 59 118
 NitraClean tablets (pack of 100)	60 53 842
 Filter for filter housing (pack of 6)	60 78 583
 Chemical indicators, class 5 (pack of 100)	58 92 059
 Indicator holder for STANDARD lid	60 51 788
 Indicator holder for FLEX lid	65 42 489














DAC UNIVERSAL accessories	REF.
 STANDARD lid without adapters	60 51 739
 FLEX lid without adapters	65 35 855
 BASKET lid	61 26 200
 PCD Test body	60 51 820
 Lid extension for Check & Clean	65 42 737
 Lid holder	62 59 109
 Drain tank with hose Syphon with direct connection	60 78 526 61 26 341
 DAC UNIVERSAL thermal printer Printing paper	60 51 770 61 23 462

ADAPTER








STANDARD LID

Adapter for straight and contra-angle handpieces	REF.
 Sirona T1 CLASSIC/TE adapter	60 51 705
 ISO/INTRAmatic® adapter	60 51 648
 Contra-angle head adapter KaVo and Bien-Air	60 51 663

Adapter for turbines	REF.
 Sirona quick coupling R/F/B adapter	60 51 697
 KaVo MULTiflex adapter	60 51 655
 W&H Roto Quick adapter	60 51 671
 Bien-Air UNIFIX adapter	60 51 713
 NSK PTL adapter	60 51 804
 NSK QDJ adapter	60 51 812
 Borden adapter, 2 - 3 holes	60 51 861
 Castellini CERAMIC FREEDOM adapter	60 51 762
 Midwest/ISO 4/5-hole turbine with fixed connection adapter	60 51 853
 Morita Alpha adapter	60 51 911
 Morita CP4 adapter	60 51 929
 Osada OFJ adapter	60 85 745
 Yoshida QUICK JOINT adapter	63 23 831

FLEX LID










Adapter for ultrasonic handpieces, tips and multi-functional syringe attachments	REF.
Scaler adapter for FLEX lid	
 Sirona SIROSONIC TL / PerioSonic adapter	65 36 135
 Sirona SIROSONIC / L Adapter	65 36 143
Syringe-nozzle adapter for FLEX lid	
 Sirona SPRAYVIT adapter: For SPRAYVIT nozzle	65 36 150
 Sirona SPRAYVIT 4000 adapter: For SPRAYVIT nozzle 4000	65 36 168
Scaler tip adapter for FLEX lid	
 Sirona scaler tip adapter: For SIROSON S/C8/L instrument tips; SIROSONIC /L; SIROSONIC TL; PerioSonic: L, PE, PS, SIRORETRO, SIROPREP	65 36 127

NitraDem Direct Connect, SIRODEM

TECHNICAL DATA

Technical data	NitraDem Direct Connect	SIRODEM
Throughput (l/h)	40	50
Purified water quality (µS/cm)	0.1–10	0.1–20
Electrical connection	100V–240V; 50–60 Hz	110V AC / 230V AC, 50–60 Hz
Panel dimensions incl. filter (cm)	26.5 x 32 x 12 (H x W x D)	60 x 10 (H x 0)
Filter dimensions (cm)	28.5 x 29.5 x 28.5 (H x W x D)	43.5 x 10 (H x 0)
Weight (kg)	6.3	Approx. 3
Capacity/10° dH/(Liter)	430	425
EN 1717 compliant	Yes	No
Fixed connection	Yes	No
Special features	Free water inlet	–
Water pressure from control panel	5–6 bar	–

ORDER INFORMATION AND ACCESSORIES

Water treatment system accessories	REF.
 NitraDem Direct Connect, incl. installation kit, NitraDem filter, control panel	62 59 852
 NitraDem filter	61 98 431
 Water pistol for NitraDem Direct Connect	62 59 084
 NITRADEM DC drain valve	63 19 847
 Hose set for NitraDem DC filter	63 14 483
 SIRODEM 220 V SIRODEM 110 V	58 86 168 59 48 554
 Cartridges for SIRODEM	58 92 026



ALWAYS AT THE FOREFRONT OF INNOVATION!

As global innovation leader for dental equipment, we continuously invest in research and thus in the future of modern dentistry. By networking digital technologies with integrated solutions and optimizing the treatment workflow, we achieve improved treatment results, ensure more comfort and safety for the patient, and save time and money in practice routine. The combination of continuous innovative power and globally growing sales and service structures makes Sirona the global market leader trusted by thousands of practices and labs around the world. **Enjoy every day. With Sirona.**



CAD/CAM systems.

From pioneer to new standard. For 30 years we have been developing digital dentistry and creating new options for the future practice and lab.

Imaging systems.

Best image quality with the lowest radiation dose. More than 100 years of development in imaging for the dental practice make us the number 1 innovation partner.

Treatment centers.

The business card of modern practices. We strive to create the ideal ergonomic and innovative center. Individually tailored to the well-being and demands of the patient and dentist.

Instruments.

Advantages that speak for themselves. We make sure that we provide the right balance of proven quality, individual ergonomics, and innovative technology for user-friendly work.

Hygiene systems.

Competence that gives you safety. When it comes to hygiene in the practice, we do not take any shortcuts. Our solutions meet the highest safety standards.

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