

CLASS B STERILIZERS AND SEALING DEVICES FROM SIRONA

# WITH SAFETY FROM A SINGLE SOURCE.



SIRONA.COM

The Dental Company

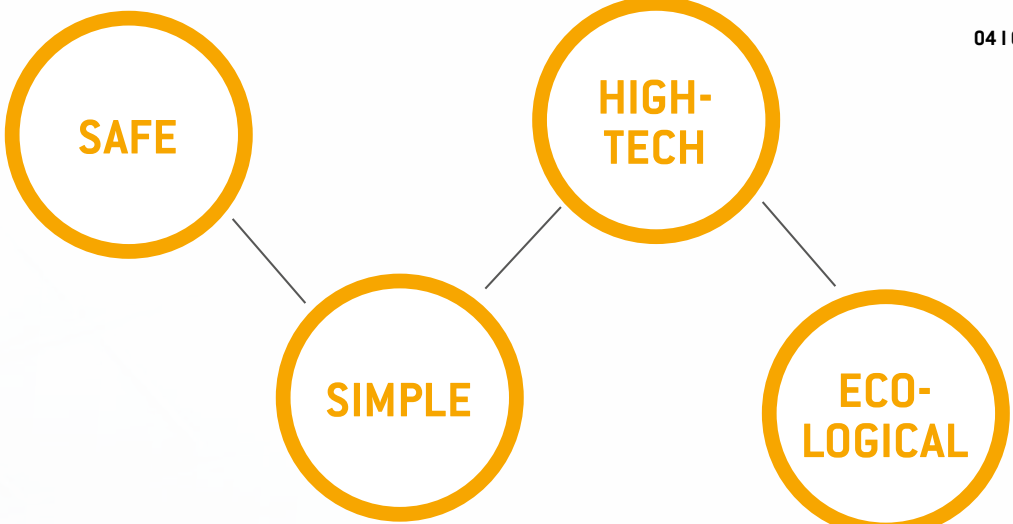
sirona.

# FOR THE HIGHEST MEDICAL REQUIREMENTS.

As an expert in matters of hygiene, Sirona offers a comprehensive product portfolio for maximum hygienic safety in the dental practice. The DAC PREMIUM and DAC PROFESSIONAL autoclaves are classified according to class B of the European standard 13060 for small steam sterilizers. This meets the high requirements of large sterilizers in hospitals that operate with 3-fold fractionated pre-vacuum stages to ensure complete steam penetration for items that are difficult to sterilize. With additional checks of sterilization parameters, Sirona autoclaves offer maximum safety and are the perfect compliment to the DAC UNIVERSAL. With the sealing devices from the SIROSeal product line, you can expand your set-up to reprocess critical instruments. You'll be surprised by the new variety. Regardless of how you manage your hygiene workflow, we have the right product version to fit your needs. **Enjoy every day. With Sirona.**



# DAC PREMIUM: HIGHEST STANDARDS, EASILY ACHIEVED.



**EFFICIENT HEATING**

DAC PREMIUM and DAC PREMIUM+ use the same double-walled sterilization chambers (twin chamber technology) as hospital autoclaves. The chambers are preheated with steam, which is then used for sterilization. As a result, electric heated jackets are no longer required. You save time, energy costs and both you and your patients are protected by the best possible sterilization result in a reliable and legally compliant manner.

**QUICK AIR EVACUATION**

Sterilization quality does not only depend on the quality of the steam. The performance of the vacuum technology is also particularly important for the best possible sterilization result. The twin chamber technology also offers a decisive

advantage here because the air is very quickly evacuated from the hollows of the instruments, sterilization packages and chamber. At the same time, the air is extracted from the steam very effectively. This shortens the sterilization process considerably while at the same time prolonging the service life of the vacuum pump at the same time.

**TRACEABILITY MADE EASY**

With the DAC PREMIUM class autoclaves, you can quickly and easily step into the traceability of the instruments used on patients and thereby solidify your quality management. You determine which parameters have to and should be requested after sterilization to get a batch release. With DAC PREMIUM and DAC PREMIUM+, this can be carried out without an additional computer or special software.

**SAFE**

- Legal certainty by meeting all relevant norms
- A higher hygiene standard is achieved in the practice
- Reduced risk of contamination for patients
- Documentation with printer, CF card or PC software possible

**SIMPLE**

- Intuitive operation via the color touch display
- Compact solution with integrated fresh water and waste water tank
- Simple installation as a standalone device

**HIGH-TECH**

- Twin chamber technology
- Particularly rapid air evacuation from chamber and instrument hollows
- High sterilization quality
- Short sterilization cycles (e.g., Quick program B in 17 min. incl. drying)

**ECOLOGICAL**

- Energy saving mode: Automatic reduction of standby temperature
- Preselection of the required time to start the autoclave



**EASY AND INTUITIVE**

With the extra large color touch display, the appearance of the DAC PREMIUM autoclaves also makes them stand out from conventional class B sterilizers. The menu navigation is so intuitive that operator errors are a thing of the past. You can also choose any desired settings quickly and easily. You can, for example, customize the display background to suit your tastes.



The DAC PREMIUM with a chamber volume of 18.4 l

DAC PREMIUM+ has a 23.8 l chamber

DAC PREMIUM	Operating time (without drying)		Drying time
	Load up to 6 kg Instruments unwrapped	Load up to 2 kg Textiles	
Universal program	21 min	–	12 min
Quick program B*	12 min	–	6 min
Quick program S**	10 min	–	2 min
Gentle program	36 min	39 min	12 min
Prion program	38 min	–	12 min

DAC PREMIUM+	Operating time (without drying)		Drying time
	Load up to 7 kg Instruments unwrapped	Load up to 2.5 kg Textiles	
Universal program	21 min	–	12 min
Quick program B*	12 min	–	6 min
Quick program S**	10 min	–	2 min
Gentle program	36 min	43 min	12 min
Prion program	38 min	–	12 min

All times depending on load, power and water supply.  
\* Max 1.5 kg wrapped or 6 or 7 kg unwrapped \*\* Unwrapped



# DAC PROFESSIONAL: AN INVESTMENT IN QUALITY.

No matter what chamber size you choose, the DAC PROFESSIONAL class autoclaves are a safe investment. Manufactured in Germany, certified production standards and a stainless steel chamber ensure extremely high quality and durability.

Both versions are suitable for all thermostable items and types of sterilization, i.e., no additional sterilization device is required. Operator errors are a thing of the past with the integrated display and market-tested user interface.



DAC PROFESSIONAL with a chamber volume of 17 l



DAC PROFESSIONAL+ has a 22.6 l chamber

**SAFE**

- Legal certainty by meeting all relevant norms
- A higher hygiene standard is achieved in the practice
- Reduced risk of contamination for patients
- Documentation with printer, NITRAflash or PC software possible

**SIMPLE**

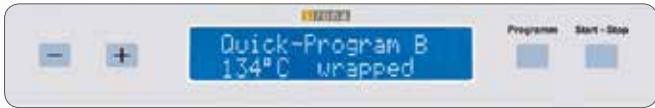
- Compact solution with integrated fresh water and waste water tank
- Simple installation as a standalone device

**COST-EFFECTIVE**

- A quick solution instead of slow tabletop sterilizers
- Easy handling minimizes operator errors
- Sterilization is possible in just 15 minutes (without drying)
- Activated preheating for short operating times
- Integrated control of fresh water guarantees trouble-free operation and prevents damage to the instruments



Variable loading options. By turning the tray holder 90°, 3 normal cassettes with lids or 5 trays without lids can be loaded.



Easy to operate using the display.

DAC PROFESSIONAL	Operating time (without drying)		Drying time
	Load up to 5 kg Instruments unwrapped	Load up to 1.8 kg Textiles	
Universal program	30 min	–	20 min
Quick program B*	28 min	–	10 min
Quick program S**	15 min	–	5 min
Gentle program	45 min	45 min	20 min
Prion program	45 min	–	20 min
Vacuum test	18 min (empty)	–	–

DAC PROFESSIONAL+	Operating time (without drying)		Drying time
	Load up to 5 kg Instruments unwrapped	Load up to 1.8 kg Textiles	
Universal program	30 min	–	20 min
Quick program B*	28 min	–	10 min
Quick program S**	15 min	–	5 min
Gentle program	45 min	45 min	20 min
Prion program	45 min	–	20 min
Vacuum test	18 min (empty)	–	–

All times depending on load, power and water supply.  
\* Max 1.5 kg wrapped or 5 kg unwrapped      \*\* Unwrapped

# SIROSeal: EASY SEALING WITH MAXIMUM SAFETY.

## SIROSeal PREMIUM

The sealing process is reproducible and can be validated with SIROSeal PREMIUM. Outstanding ease of use, performance and convenient options for process documentation make SIROSeal PREMIUM the new benchmark for sealing devices of this class. And all with an unbeatable heat-up time of 90 seconds and a sealing time of just 3 seconds.

### THE VALIDATABLE SEALING DEVICE

SIROSeal PREMIUM meets standardization requirements in accordance to EN ISO 11607-2. Accordingly, the process parameters of temperature, contact pressure and sealing time are continuously monitored, documented and can be confirmed as part of the process validation.

### FIRST-CLASS USABILITY

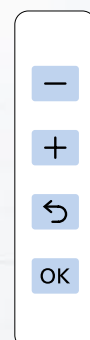
SIROSeal PREMIUM is even true to its name with regard to usability. The easy-to-read LCD display with LED status indicator, intuitive 4-button operation, the user management option, two integrated USB interfaces and a maintenance counter make the sealing device an intelligent assistant in your hygiene workflow. When you go to carry out other tasks, the device switches to power-save mode and then to standby mode.

### SEAMLESS DOCUMENTATION

SIROSeal PREMIUM can be connected directly to a PC to document and archive logs simply and safely using documentation software such as MELAttrace. As an alternative, the included 8 GB USB stick can be used to save process parameters.



LCD display and LED status indicator



The 4-button operating concept

SIROSeal PREMIUM

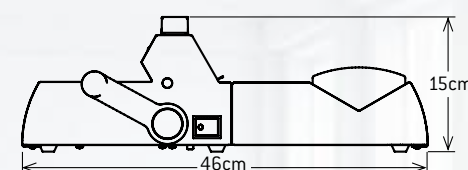
## SIROSeal PROFESSIONAL

### SAFE, PROVEN AND POWERFUL

SIROSeal PROFESSIONAL is a stable, high-performance bar sealing device. Noteworthy is the optical and acoustic indicator that displays, for example, operational readiness after a short warm-up time of about 2 minutes. In addition, the reproducible sealing time is also indicated visually and acoustically.

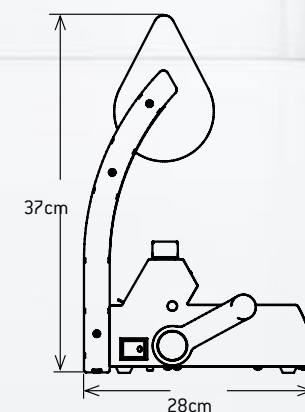
With the infinitely adjustable thermostat, you can adjust the sealing temperature for the packaging material used and then seal several instruments without breaks. The seal width is 10 mm, significantly more than the minimum width of 6 mm required by European standard EN 868-5. SIROSeal PROFESSIONAL allows you to remain flexible in your choice of materials, relying on maximum safety.

"Standard" roll holder



REF. 65 28 801

"Comfort" roll holder



REF. 65 28 819

No matter which version you choose, our user-friendly and convenient roll holders make pulling out the sterilization packaging as easy as possible. With the integrated cutter, the packages are cut to size according to the requirements of the practice and to the size of the instruments to be packaged. Both roll holders can be used with both bar sealing devices.



SIROSeal PROFESSIONAL



# PROCESS DOCUMENTATION OPTIONS

**DAC PREMIUM: DOCUMENTATION MADE EASY**  
Documentation is fun with the large color touch display and intuitive operation. Whether via the Ethernet interface directly, via the practice network, with the help of barcode labels for identification up to output of the logs to the CF card or the NITRAprint log printer, all options for process documentation are open to you. You choose the option that best fits your workflow, thus reducing administrative tasks to a minimum.

**DOCUMENTATION ON PAPER**  
Documentation of infection protection measures is not only necessary for actuarial considerations. With DAC PROFESSIONAL or DAC PROFESSIONAL+, program cycles can be documented via the standard integrated serial interface (RS 232) with a log printer.

- THE NITRAprint log printer captures the following data:**
- Selected program
  - Date, time, current batch number
  - Actual vacuum, pressure and temperature values
  - Confirmation of successful program completion
  - Any impermissible deviations

**THE NITRAflash cards / PC DOCUMENTATION**  
The system comprises a CF card, CF card reader/writer. The data is stored on a CF card and can be stored in or printed from a spreadsheet or word processing program. No network is required, but the requirement for permanently reproducible documentation is met.

**NITRAprint 60**  
Label printer  
REF. 65 43 172



**NITRAprint**  
Log printer  
REF. 61 17 324



**NITRAflash**  
CF card reader  
REF. 61 34 394



# ACCESSORIES

**SIRODEM**



Water treatment unit for laboratories, medical and dental practices  
REF. 58 86 168

**NITRADEM DIRECT CONNECT**



Water treatment unit with direct connection (compliant with EN 1717)  
REF. 62 59 852

**BOWIE&DICK TEST SET**



For daily testing of vacuum sterilizers  
REF. 58 92 034

**HELIX TEST SET**



For batch testing and daily testing of class B vacuum sterilizers  
REF. 58 92 042

# TECHNICAL DATA

Main technical data	DAC PROFESSIONAL	DAC PROFESSIONAL*
DAC PROFESSIONAL / DAC PROFESSIONAL*	61 45 309 (DE) 60 93 475 (EN) 61 26 705 (F) 61 26 713 (AUS)	65 26 912 (DE) 65 36 879 (EN) 65 36 887 (F) 65 36 895 (AUS)
Electrical connection	2,100 W / 220 – 240V / 50/60 Hz	2,100 W / 220 – 240V / 50/60 Hz
External dimensions (W x H x D)	42.5 x 48.5 x 63 cm	42.5 x 48.5 x 75.5 cm
Sterilization chamber (Ø x depth)	25 x 35 cm	25 x 45 cm
Weight (without load)	45 kg	50 kg
Tank volume	17 l	22.6 l
Max. load quantity	Instruments: 5 kg or textiles: 1.8 kg	Instruments: 5 kg or textiles: 1.8 kg
Reservoir (aqua dem/aqua dest)	Fresh water: 5 l (approx. 7 cycles); Waste water: 3 l	Fresh water: 5 l (approx. 7 cycles); Waste water: 3 l

Main technical data	DAC PREMIUM	DAC PREMIUM*
DAC PREMIUM / DAC PREMIUM*	65 26 920 65 36 929 (AUS)	65 26 938 65 36 937 (AUS)
Electrical connection	3,400 W / 220 – 240 V / 50/60 Hz	3,400 W / 220 – 240 V / 50/60 Hz
External dimensions (W x H x D)	47 x 56.5 x 57.5 cm	47 x 56.5 x 69 cm
Sterilization chamber (Ø x depth)	25 x 35 cm	25 x 45 cm
Weight (without load)	59 kg	66 kg
Tank volume	18.4 l	23.8 l
Max. load quantity	Instruments: 6 kg or textiles: 2 kg	Instruments: 7 kg or textiles: 2.5 kg
Reservoir (aqua dem/aqua dest)	Fresh water: 5 l (approx. 7 cycles); Waste water: 3 l	Fresh water: 5 l (approx. 7 cycles); Waste water: 3 l

Main technical data	SIROSeal PREMIUM	SIROSeal PROFESSIONAL
SIROSeal PREMIUM / SIROSeal PROFESSIONAL	65 26 961	65 26 953
Electrical connection	300 W / 220 – 240 V / 50/60 Hz	300 W / 220 – 240 V / 50/60 Hz
External dimensions (W x H x D)	41.5 x 15 x 24 cm	41.5 x 15 x 24 cm
Weight (without load)	5.4 kg	5.4 kg
Temperature range	100 – 210°C	160 – 200°C
Sealing time	Approx. 3 sec.	Approx. 3 sec.
Heat-up time	Approx. 90 sec.	Approx. 2 min.
Seal length	max. 275 mm	max. 275 mm
Seal width	10 mm	10 mm
Interfaces	1 x USB stick, 1 x USB PC interface	–

# 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 create improved treatment results, more comfort and safety for the patient as well as time and cost savings in everyday work. The combination of constant 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 possibilities for the future practice and lab.



#### **Imaging systems**

Best image quality with the lowest dose. More than 100 years of developing x-rays for the dental practice make us the number 1 innovation partner.



#### **Treatment centers**

The business card of modern practices. We are striving 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.

The Dental Company

**sirona.**