Subject to technical changes and errors in the text. Order No. A91100-M45-C052-01-7600. Printed in Germany. Dispo No. 04603. OEW17 WS 0217.V0

Procedural Solutions

Preventive
Restorative
Orthodontics
Endodontics
Implants
Prosthetics

Enabling Technologies

CAD/CAM
Imaging
Treatment Centers
Instruments

Dentsply Sirona

Sirona Dental Systems GmbH
Fabrikstraße 31, 64625 Bensheim, Germany

THE DENTAL SOLUTIONS COMPANY™

Dentsply Sirona

THE DENTAL SOLUTIONS COMPANY™

Dentsply Sirona

Innovative instruments and table-top units

Comfort and convenience at your fingertips



По вопросам поставки — Кавитрон kavitron.ru mail@kavitron.ru +7 (495) 686-47-83



Trust in the comprehensive instrument portfolio

Whether you cover the entire dental treatment spectrum or a special field, you can fully trust the instrument portfolio of Dentsply Sirona.

Product Overview

Caries control	**06**
SiroInspect	06–09
Turbines	**14**
T1 Turbines	16–17
T2 Turbines	18–19
T3 Turbines	20–23
T4 Turbines	24–25
Straight and contra-angle handpieces	**26**
T1 Classic	28–29
T1 Line	30–31
T2 Line/T2 S-Line	32–35
T3 Line/T3 S-Line	36–39
T4 Line	40–41
Special instruments	42–43
Implant 20:1	44–45
Endo motor and contra-angle handpieces	**46**
SiroNiTi Apex/Air Plus Apex	46–49
SiroEndo Pocket	50–52
Endo 6:1	53
Diode laser	**54**
SiroLaser Blue	54–57
SiroLaser Advance Plus	58–61
SiroLaser Xtend	62–63
Scaler and tips	**64**
PerioSonic/SiroSonic/L/TL	64–66
Tips	67–69
Motors/Syringes	**70**
Motor SL/SL ISO	71
Motor BL/BL E/BL ISO C/E/BL Implant	72–73
Sprayvit E/M	74–75
Hygiene systems	**76**
DAC Universal	78–83
DAC Premium/DAC Premium Plus	84–85
DAC Professional/DAC Professional Plus	86–87
SiroSeal Professional/SiroSeal Premium	88–89
Water treatment	90–92

Paper versions of the instructions may not be available for all of these products. You can easily download an electronic PDF version of these instructions at www.dentsplysirona.com/manuals.

Products and applications – everything under control








Cavity preparation

Straight and contra-angle handpieces
- T1 Classic
- T1 Line
- T2 Line/T2 S-Line
- T3 Line/T3 S-Line
- T4 Line

Turbines
- T1 Turbines
- T2 Turbines
- T3 Turbines
- T4 Turbines

Caries control
- SiroInspect

Scaler and tips
- PerioSonic
- SiroSonic/L/TL
- Tips

Endodontics

Straight and contra-angle handpieces
- T1 Classic
- T1 Line

Endo motor and contra-angle handpieces
- SiroNiTi Apex/Air Plus Apex
- SiroEndo Pocket
- Endo 6:1

Diode laser
- SiroLaser Blue
- SiroLaser Advance Plus
- SiroLaser Xtend

Scaler and tips
- PerioSonic
- SiroSonic/L/TL
- Tips

Prophylaxis

Straight and contra-angle handpieces
- T1 Classic
- T1 Line
- T2 Line/T2 S-Line
- T3 Line/T3 S-Line
- T4 Line

Scaler and tips
- PerioSonic
- SiroSonic/L/TL
- Tips

Periodontology

Diode laser
- SiroLaser Blue
- SiroLaser Advance Plus
- SiroLaser Xtend

Scaler and tips
- PerioSonic
- SiroSonic/L/TL
- Tips

Implantology/Surgery

Contra-angle handpieces
- T1 Classic KM 1,6 L
- Implant 20:1

Diode laser
- SiroLaser Blue
- SiroLaser Advance Plus
- SiroLaser Xtend

Scaler and tips
- PerioSonic
- SiroSonic/L/TL
- Tips

In general

Hygiene systems
- DAC Universal
- DAC Premium/ DAC Premium Plus
- DAC Professional/ DAC Professional Plus
- SiroSeal Professional/ SiroSeal Premium
- Water treatment

Motors
- Motor SL/SL ISO
- Motor BL/BL E/BL ISO C/E/BL Implant

Syringes
- Sprayvit E/M

SiroInspect – don’t let checkups become a matter of luck

With SiroInspect you can be sure of recognising caries quickly and simply during dental excavation. Unlike manual staining, for example, you are able to see straight away whether any treatment is needed: red-fluorescent light indicates all carious areas on a large scale. It will be easy for you to make the right decision and you will know with certainty to what extent existing caries has to be excavated. And there will be no change to the sequence of your normal working routine – simply switch on the probe, carry out your checkup and then treat as usual.

Your advantages at a glance:

The advantages are on your side with SiroInspect, because working with SiroInspect means safe, quick, and easy checkups.

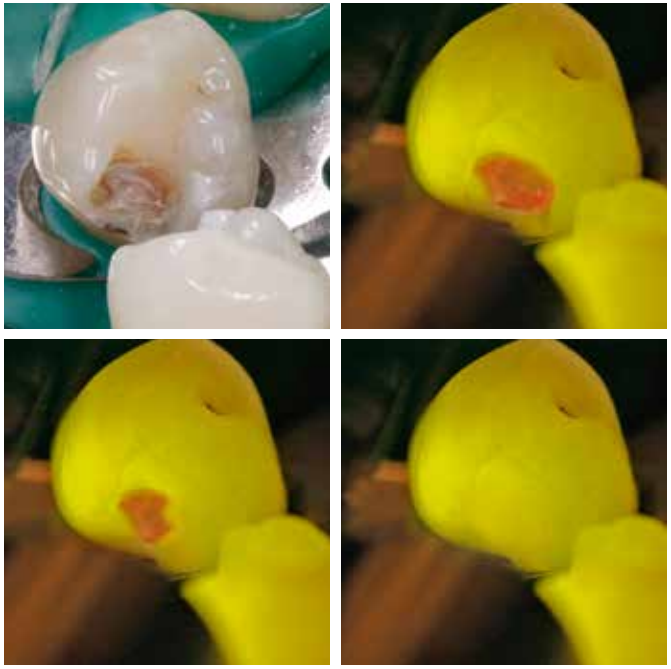
Safe
SiroInspect is a reliable aid for your decisions. Making your work minimally invasive and patient friendly.

Fast
It takes a few seconds for stains to work. SiroInspect needs just the simple press of a button – and you will immediately see where excavation is needed.

Simple
SiroInspect is easy to operate and can be flexibly integrated into your workflow. Its cable-free operation enables you to treat in more than one room with a single instrument.

Red fluorescence for caries – and your check-up becomes a mere “thumbs up”

During excavation the probe illuminates the tooth with violet light (approx. 405 nm). This stimulates both decomposition products of caries bacteria as well as healthy dentine to fluoresce. The “clip on filter” supplied with the SiroInspect filters out short wavelengths below 500 nm. Light of higher wavelengths remains visible thanks to the filter. In this way, red fluorescing carious areas can be recognised both quickly and safely. Healthy tooth material differs in this respect by fluorescing green.



© Prof. Dr. Wolfgang Buchalla



98 % of red-fluorescing dentin were clearly associated with porphyrins, decomposition products of caries bacteria.*

* Buchalla, Porphyrins are the Cause of Red Fluorescence of Carious Dentine Verified by Gradient Reversed-Phase HPLC, 2008.

SiroInspect – tried and tested

Our innovations are subjected to numerous tests before being brought to the market. SiroInspect and FACE® technology were also put through their paces in various scientific trials and user studies to check for any teething problems. The result: SiroInspect with FACE® technology works with greater reliability than other control methods for the prevention of secondary caries.

Advantages compared to conventional methods

	Sensitivity	
System	**Study***	**Study****
SiroInspect with FACE® technology	**94 %**	**100 %**
Tactile probe	76 %	89 %
Caries detector	65 %	78 %

	Specificity	
System	**Study***	**Study****
SiroInspect with FACE® technology	**83 %**	**91 %**
Tactile probe	65 %	77 %
Caries detector	17 %	27 %

* Lennon, Residual Caries Detection Using Visible Fluorescence, 2002.
** Buchalla, Luminescence Assisted Caries Excavation, 2004.

Everything you need – scope of delivery and accessories

Scope of delivery	Ref.
SiroInspect (incl. probe, battery charger with power adapter, 2 rechargeable batteries, 2 fibre optic sources 90°-sterilizable, 2 clip on filters, clinical guidline)	63 25 174
SiroInspect GB	64 08 749
SiroInspect USA, CA	64 08 756
SiroInspect AUS	64 08 764

Accessories

Accessory	Ref.
Charging station	63 75 435
Probe, complete (body, fibre optic source 90°, rechargeable batteries, 2 clip on filters)	63 75 534
Body (without fibre optic source, without rechargeable batteries)	63 75 401
Fibre optic source 90°	63 75 419
Fibre optic source 90° (pack of 3)	63 75 484
Fibre optic source 140°	63 75 542
Fibre optic source 140° (pack of 3)	63 75 559
Diagnostic glasses (orange)	63 75 518
Rechargeable batteries	63 75 443
Clip on filter (2 pcs.)	64 30 057

Only the best for every application

For optimal work results, you need the right instruments, but you will only achieve precise results if these instruments are lightweight and easy to use. We consistently meet this requirement with our instrument series. Whichever series you choose, you will receive top-quality products that make your work enjoyable – for all application areas and workflow steps.

No matter what the day brings, Dentsply Sirona always has the right solution



Cavity and crown preparation



Endodontics



Prophylaxis



Implantology



Surgery

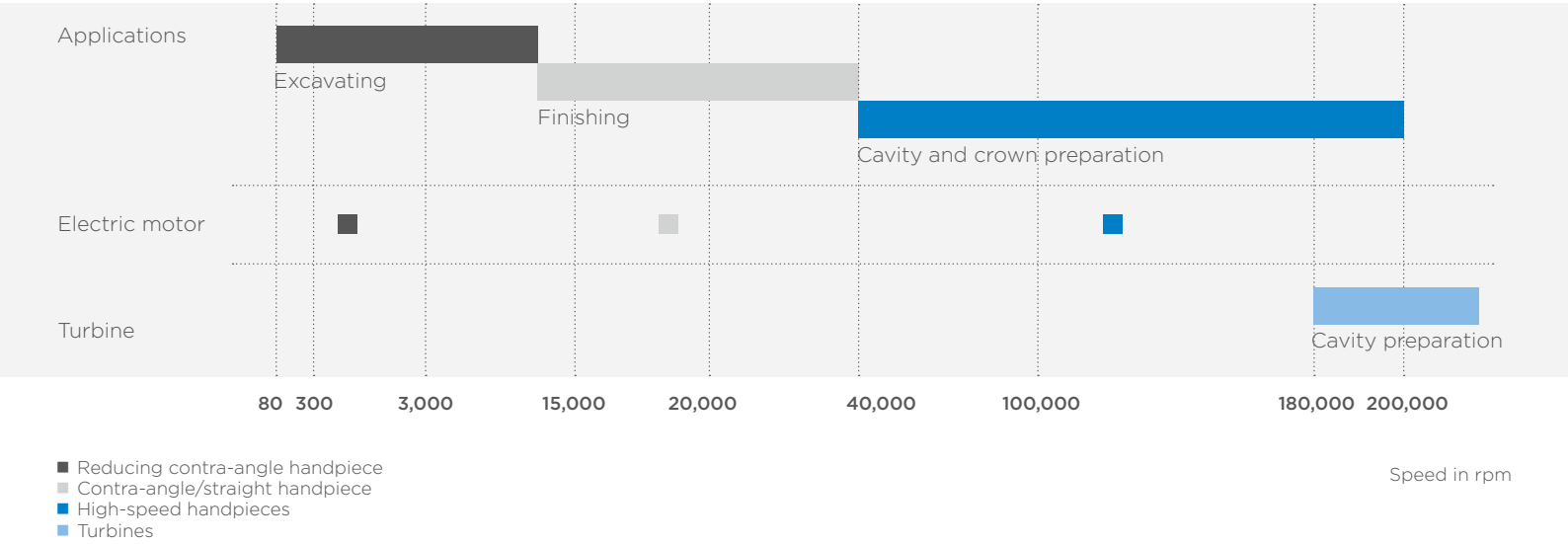




Always the right speed for the best efficiency.

What tasks are the different standard instruments suitable for? Straight and contra-angle handpieces with different speed ranges and turbines are used depending on the desired application.

Instrument classes – application and speed range



- Reducing contra-angle handpiece
- Contra-angle/straight handpiece
- High-speed handpieces
- Turbines

Turbines – the power of silence

The extensive portfolio of Dentsply Sirona turbines offers dental turbines for every possible wish. All the turbines have one thing in common: complete operating control at maximum output – and with the 4-nozzle spray quieter than ever. Simply choose your favorites within the available T-Classes according to your personal preferences and method of working.

Whether which turbine you prefer, Dentsply Sirona suits each individual demand. With the exclusive Click & Go interfaces the Dentsply Sirona turbines are compatible with all the popular types of coupling. This allows you to swap turbines in seconds – at no extra cost.

T1 – Reliability is a priority
T1 turbines are excellent manufactured and are top-of-the-line equipment.

T2 – Quality counts
T2 turbines feature high functionality and ideal ergonomics.

T3 – Benefit from proven products
T3 turbines have a good price-performance ratio.

T4 – The entrance to the Dentsply Sirona world
Dentsply Sirona T4 turbines stand for reliable quality made in Germany.



T1 turbines – precision in the palm of your hand

T1 class turbines lie ideally balanced in your hand. Regardless of whether you choose the T1 Control, T1 Boost, or T1 mini, all turbines offer high performance, give you optimal control at all times, and are extremely quiet during operation.

- Up to 23 watts for high torque
- Optimal view thanks to ideal lighting and small head dimensions
- Double back-suction stop (protective head system)
- Quick-stop function: quick burr run-down time
- Unbelievably quiet thanks to the 4-nozzle spray
- Hygienic: can be sterilized and thermally disinfected
- Ergonomic, lightweight titanium sleeves
- DLC coated ceramic ball bearings
- Control function: continuous operation at low noise level
- Suitable for all common quick-coupling versions (Click & Go)
- Economical replacement of the rotor cartridge by the user

* Longer service life due to DLC (diamond-like carbon) coated ball bearings



T1 turbines – overview of technical data:

Types	Power (W)	Head diame-ter (mm)	Head height (mm)	Weight (g)	Idling speed (rpm)
T1 Control ☼	~ 22	~ 12.4	~ 13.8	~ 56	~ 250,000
T1 Boost ☼	~ 23	~ 11.9	~ 13.0	~ 55	~ 370,000
T1 mini ☼	~ 20	~ 10.2	~ 12.7	~ 54	~ 400,000

Interface type	Ref.		
	T1 Control	T1 Boost	T1 mini
Dentsply Sirona	63 86 598	63 86 606	63 86 630
KaVo	63 86 754	63 86 911	63 86 994
W&H	63 86 770	63 86 929	63 87 000
NSK	63 86 812	63 86 937	63 87 018

F/B Dentsply Sirona quick coupling:
4-hole standard interface with light, spray control, and back-suction stop RR (LED): for instruments with a return air duct F: for instruments without a return air duct



R: Ref. 18 94 588
R (LED): Ref. 63 19 706



F: Ref. 41 74 467



The 4-nozzle spray makes the T1 turbines the quietest in their class.

2 -year warranty

T2 turbines – quality you can rely on

You can rely on our T2 Class turbines in any situation. The continuous high performance, the ergonomic shape together with the titanium-coated exterior sleeve and the robust workmanship of our turbines are guaranteed to not let you down.

- Up to 23 watts for high torque
- Optimal view thanks to ideal lighting and small head dimensions
- Double back-suction stop (protective head system)
- Robust ceramic ball bearings
- Quick-stop function: quick burr run-down time
- Unbelievably quiet thanks to the 4-nozzle spray
- Hygienic: can be sterilized and thermally disinfected
- Easy-to-grip titanium-coated sleeve
- Control function: continuous operation at low noise level
- Suitable for all common quick-coupling versions (Click & Go)
- Economical replacement of the rotor cartridge by the user



T2 turbines – overview of technical data:

Types	Power (W)	Head diame-ter (mm)	Head height (mm)	Weight (g)	Idling speed (rpm)
T2 Control ☼	~ 22	~ 12.4	~ 13.8	~ 57	~ 250,000
T2 Boost ☼	~ 23	~ 11.9	~ 13.0	~ 56	~ 370,000
T2 mini ☼	~ 20	~ 10.2	~ 12.7	~ 55	~ 400,000

Interface type	Ref.		
	T2 Control	T2 Boost	T2 mini
Dentsply Sirona	63 86 648	63 86 655	63 86 663
KaVo	63 87 737	63 87 778	63 87 802
W&H	63 87 752	63 87 786	63 87 810
NSK	63 87 760	63 87 794	63 87 828

F/B Dentsply Sirona quick coupling:
4-hole standard interface with light, spray control, and back-suction stop RR (LED): for instruments with a return air duct F: for instruments without a return air duct



R: Ref. 18 94 588
R (LED): Ref. 63 19 706



F: Ref. 41 74 467



Low noise level
T2 turbines with 4-nozzle spray

2 -year warranty

T3 Turbines – quick coupling

The titanium-coated turbines of the T3 Class are easy to clean and have a good grip. Up to 23 watts of power and ceramic ball bearings ensure efficient work for a long time. In other words: lasting efficiency.

T3 mini: With the extra small mini head options you get optimum access to the molar region and a optimal view of the preparation site. T3 mini has an impressive head size (height: 12.7 mm, diameter: 10.2 mm) to torque ratio.

T3 Boost: The robust T3 Boost does it all! The titanum-plated turbine stands out due to its ease of use and has the required power to satisfy every requirement.

- Up to 23 watts for high torque
- Optimal view thanks to ideal lighting and small head dimensions
- Double back-suction stop (protective head system)
- Robust ceramic ball bearings
- Quick-stop function: quick burr run-down time
- Unbelievably quiet thanks to the 4-nozzle spray
- Hygienic: can be sterilized and thermally disinfected
- Suitable for all common quick-coupling versions (Click & Go)
- Clamping system with low vibration



T3 Turbines – quick coupling Technical data overview:

Types	Power (W)	Head diameter (mm)	Head height (mm)	Weight (g)
T3 Boost	~23	~ 11.9	~ 13.0	~ 56
T3 mini	~20	~ 10.2	~ 12.7	~ 55

Types	Speed (min^{-1})	Spray	Equip-ment (mm)	Indication
T3 Boost	~370,000	4	1.6 FG	Cavity preparation
T3 mini	~400,000	4	1.6 FG	Cavity preparation

Types/Ref.	Sirona interface	KaVo interface	W&H interface	NSK interface
T3 Boost	63 87 919	63 87 927	63 87 935	63 87 943
T3 mini	63 87 950	63 87 968	63 87 976	63 87 984

Dentsply Sirona - quick coupling:
4 hole standard connection without light, without spray regulation and with anti-retraction stop



B, units without exhaust of drive air: Ref. 58 61 724



Extremely quiet:
T3 Turbines with 4-nozzle spray

1 Year Guarantee

T3 Turbines – fixed connection

The long term stable materials ensure that our T3 Turbines with fixed connection remain sturdy for years to come. The turbine with 4-nozzle spray is especially quiet and the high-quality sleeve is simple and easy to clean.

T3 Racer: With up to 30 watts, the T3 Racer is by far the most powerful fixed connection turbine. This means that you can work even faster and even more efficiently.

T3 mini: With the extra small mini head options you get optimum access to the molar region and an optimal view of the preparation site. T3 mini has an impressive head size (height: 12.7 mm, diameter: 10.2 mm) to torque ratio.

- Quality “Made in Germany”
- Most powerful turbine with 30 watts
- Very silent thanks to 4-nozzle spray
- Stainless steel, long term stable material
- Durable ceramic ball bearings
- Small head dimensions for better visibility and access
- Protective Head System (PHS) for a lower risk of cross-contamination
- Quick stop function (QSF) allowing for faster stop of the burr
- Clamping system with low vibrations for more precision
- Hygiene: can be sterilized and thermally disinfected



T3 Turbines – fixed connection
Technical data overview:

Types	Power (W)	Head diameter (mm)	Head height (mm)	Weight (g)	Speed (min^{-1})
T3 Racer Midwest	–30	~ 11.9	~ 13.0	~ 46	~400,000
T3 Racer Borden	–30	~ 11.9	~ 13.0	~ 46	~400,000
T3 mini Midwest	–24	~ 10.2	~ 12.7	~ 47	~410,000
T3 mini Borden	–24	~ 10.2	~ 12.7	~ 47	~410,000

Types	Spray	Equip-ment (mm)	Indication	Ref.
T3 Racer Midwest	4	1.6 FG	Cavity preparation	64 60 385
T3 Racer Borden	4	1.6 FG	Cavity preparation	64 60 427
T3 mini Midwest	4	1.6 FG	Cavity preparation	66 01 731
T3 mini Borden	4	1.6 FG	Cavity preparation	66 01 756



ISO 4-hole



Borden 2/3-hole



Extremely quiet:
T3 Turbines with 4-nozzle spray

1 Year Guarantee

T4 Turbines* – the entrance to the Dentsply Sirona world

The turbine of the T4 class convinces with its combination of an essential design and exceptional high power level of up to 26 watts. Regardless which treatment unit you use, with Midwest 4-hole and Borden 2/3-hole you have always the right choice.

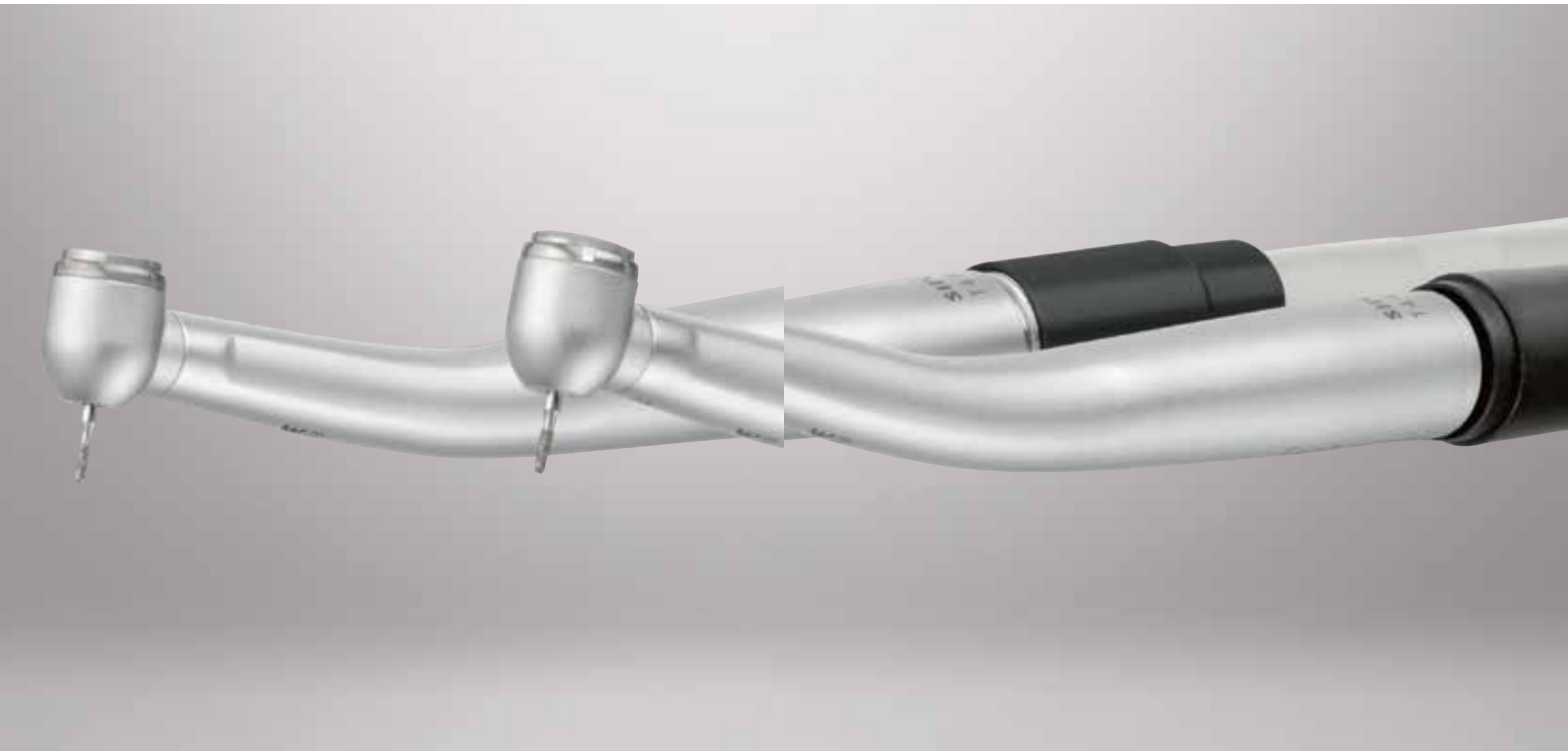
- Essential design out of stainless steel
- Ceramic ball bearings
- Single spray
- Up to 26 watts
- Push button chuck

* Not available in all countries.

T4 Turbines – Technical data overview:

Types	Head diameter (mm)	Head height (mm)	Weight (g)	Speed (min^{-1})
T4 Racer Midwest	~ 11,9	~ 13	~ 48	~400,000
T4 Racer Borden	~ 11,9	~ 13	~ 48	~400,000

Types	Spray	Equipment (mm)	Ref.	Ref. Package of 25
T4 Racer Midwest	Single	1.6 FG	66 24 394	63 86 234
T4 Racer Borden	Single	1.6 FG	66 24 402	64 12 816



Straight and contra-angle handpieces – unique in every class

The straight and contra-angle handpiece program from Dentsply Sirona is characterized by high flexibility. Straight and contra-angle handpieces from Dentsply Sirona are the perfect tools for standard preparations like e.g. processing fissures, removing tooth enamel and dentine, refining the edge of the cavity or placing pins. With their vast variety of versions they are also ideal for prosthodontics, micropreparation, surgery, endodontics and prophylaxis.

T1 Classic – no compromises
T1 Classic instruments are designed so that you get the best results with every patient.

T1 Line – reliability is a priority
T1 Line instruments are expertly manufactured and are top-of-the-line equipment.

T2 Line/T2 S-Line – quality counts
T2 Line instruments feature high functionality and ideal ergonomics.

T3 Line/T3 S-Line – benefit from proven products
T3 Line instruments have a good price-performance ratio.

T4 – The entrance to the Dentsply Sirona world
Dentsply Sirona basic instruments stand for reliable quality made in Germany for a cost effective use.

Titanium, the exclusive material

As the only manufacturer in the dental field worldwide, we are using super-plastic titanium forming technology in our instruments' manufacturing process. With this unique combination of process and material, we succeeded in producing instruments resulting to be amongst the lightest in their class.

Thermoformed titanium can be used everywhere where extreme durability and stability is important and each gram of weight counts, e.g. for jet engine parts in aerospace engineering.



T1 Classic – perfection in balance

T1 Classic is first-class technology. The ideal positioning of the SL motor in the light titanium sleeve ensures that it fits perfectly balanced in your hand. Challenging jobs become child's play and your preparation results are first class.

- Perfect hygiene: can be sterilized and thermally disinfected
- Optimal spray system
- Unbelievably quiet thanks to the 4-nozzle spray
- Optimal view thanks to the small head dimensions
- Ergonomic lightweight titanium casing
- Curved, elegant design for exceptional ergonomics
- Perfect balance with the SL/BL motors
- Longer lifespan thanks to DLC coated ball bearings*
- Optimal illumination for an excellent view

* Longer service life due to DLC (diamond-like carbon) coated ball bearings



T1 Classic – overview of technical data:

Types/Ref.	Gear ratio/ reduction	Head diameter (mm)	Head height (mm)	Features	Speeds (rpm)
T1 Classic S 200 L ☼ 58 98 866	1:5	~ 8.7	~ 14.6	Ø 1.6 FG	~ 200,000
T1 Classic S 40 L ☼ 58 98 874	1:1	~ 8.7	~ 12.4	Ø 2.35 WB	~ 40,000
T1 Classic S 6 L ☼ 58 98 882	6:1	~ 8.7	~ 12.4	Ø 2.35 WB	~ 6,000
T1 Classic S 1,6 L ☼ 58 98 890	24:1	~ 8.7	~ 12.4	Ø 2.35 WB	~ 1,600
T1 Classic SH 40 L ☼ 60 31 400	1:1	–	–	Ø 2.35 HB/WB	~ 40,000

Contra-angle handpiece, red 1:5 with 4-nozzle spray, contra-angle handpiece, blue, 1:1 and green 6:1/24:1 with 1-nozzle spray, handpiece, blue 1:1 with 1-nozzle spray.



Unbelievably quiet:
T1 Classic with 4-nozzle spray

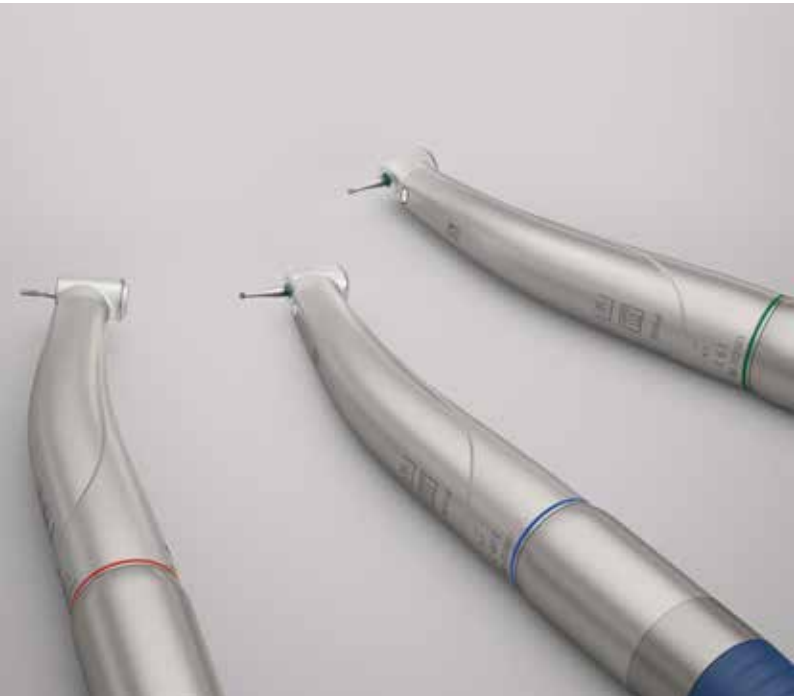
3 -year warranty

T1 Line – stay flexible with ease

The high-quality T1 Line straight and contra-angle handpiece series excels due to its ergonomic design and sits feather-light in your hand thanks to the titanium sleeves. This guarantees fatigue-free working and precise results. You stay flexible with the ISO interface, regardless of the treatment unit you are using.

- Perfect hygiene: can be sterilized and thermally disinfected
- Optimal spray system
- Unbelievably quiet thanks to the 4-nozzle spray
- Optimal view thanks to the small head dimensions
- Ergonomic lightweight titanium casing
- Longer service life due to DLC-coated ball bearings*
- Optimal illumination for an excellent view
- Universal ISO interface
- Can be adapted to motors with light thanks to the ISO Slider®

* Longer service life due to DLC (diamond-like carbon) coated ball bearings



T1 Line – overview of technical data:

Types/Ref.	Gear ratio/ reduction	Head diameter (mm)	Head height (mm)	Features	Speeds (rpm)
T1 Line C 200 L ☼ ● 33 28 452	1:5	~ 8.7	~ 14.6	Ø 1.6 FG	~ 200,000
T1 Line C 40 L ☼ ● 33 28 437	1:1	~ 8.7	~ 12.4	Ø 2.35 WB	~ 40,000
T1 Line C 6 L ☼ ● 33 28 429	6:1	~ 8.7	~ 12.4	Ø 2.35 WB	~ 6,000
T1 Line C 1,6 L ☼ ● 33 28 411	24:1	~ 8.7	~ 12.4	Ø 2.35 WB	~ 1,600
T1 Line H 40 L ☼ ● 60 31 277	1:1	–	–	Ø 2.35 HB/WB	~ 40,000

Contra-angle handpiece, red 1:5 with 4-nozzle spray, contra-angle handpiece, blue, 1:1 and green 6:1/24:1 with 1-nozzle spray, handpiece, blue 1:1 with 1-nozzle spray.



With T1 Line you benefit from the flexible ISO interface and the quiet 4-nozzle spray.

3 -year warranty

T2 Line/T2 S-Line – the comfortable solution



Unbelievably quiet thanks to the 4-nozzle spray.

2 -year warranty

The T2 Line is the robust straight and contra-angle handpiece in the comfort class. Quality and Dentsply Sirona's expertise are combined to create a product series with functionality and reliability to ensure that you can completely focus on the treatment.

- Perfect hygiene: can be sterilized and thermally disinfected
- Optimal spray system
- Unbelievably quiet thanks to the 4-nozzle spray
- Optimal view thanks to the small head dimensions
- Ergonomic lightweight titanium casing
- Optimal illumination for an excellent view
- Universal ISO interface
- Can be adapted to motors with light thanks to the ISO Slider®

New: T2 S-Line

- Considerably shorter, thus improved ergonomics
- Very light thanks to the compact size
- Smallest head dimensions, just 8.7 mm in diameter



T2 Line



T2 S-Line

T2 Line – overview of technical data:

Types/Ref.	Gear ratio/ reduction	Head diame- ter (mm)	Head height (mm)
T2 Line A 200 L 63 76 177	1:5	~ 8.7	~ 14.6
T2 Line A 40 L 63 76 185	1:1	~ 8.7	~ 12.4
T2 Line A 6 L 63 76 193	6:1	~ 8.7	~ 12.4
T2 Line AH 40 L 63 76 201	1:1	–	–

Types/Ref.	Features	Speeds (rpm)	Indication
T2 Line A 200 L 63 76 177	Ø 1.6 FG	~ 200,000	Caries and crown preparation
T2 Line A 40 L 63 76 185	Ø 2.35 WB	~ 40,000	Finishing
T2 Line A 6 L 63 76 193	Ø 2.35 WB	~ 6,000	Excavating
T2 Line AH 40 L 63 76 201	Ø 2.35 HB/WB	~ 40,000	Preparation

Contra-angle handpiece, red 1:5 with 4-nozzle spray, contra-angle handpiece, blue, 1:1 and green 6:1 with 1-nozzle spray, handpiece, blue 1:1 with 1-nozzle spray.

T2 S-Line – overview of technical data:

Types/Ref.	Gear ratio/ reduction	Head diame- ter (mm)	Head height (mm)
T2 S-Line AS 200 L 65 76 065	1:5	~ 8.7	~ 14.6
T2 S-Line AS 40 L 65 76 073	1:1	~ 8.7	~ 12.4
T2 S-Line AS 6 L 65 76 081	6:1	~ 8.7	~ 12.4

Types/Ref.	Features	Speeds (rpm)	Indication
T2 S-Line AS 200 L 65 76 065	Ø 1.6 FG	~ 200,000	Caries and crown preparation
T2 S-Line AS 40 L 65 76 073	Ø 2.35 WB	~ 40,000	Finishing
T2 S-Line AS 6 L 65 76 081	Ø 2.35 WB	~ 6,000	Excavating

Contra-angle handpiece, red 1:5 with 4-nozzle spray, contra-angle handpieces, blue 1:1 and green 6:1 with 1-nozzle spray

T3 Line/T3 S-Line – continued cost-effectiveness

The straight and contra-angle handpieces of the T3 class with their extremely robust titanium sleeves are sturdy and an investment that will give you joy for years to come.

- Perfect hygiene: can be sterilized and thermally disinfected
- Optimal spray system
- Quiet thanks to the 4-nozzle spray
- Optimal view thanks to the small head dimensions
- Unbelievably ergonomic lightweight titanium casing
- Universal ISO interface



Extremely quiet:
T3 Line with 4-nozzle spray

1 Year Guarantee

New: T3 S-Line

- Considerably shorter, thus improved ergonomics
- Very lightweight thanks to the compact size
- Smallest head dimensions, just 8.7 mm in diameter



T3 Line



T3 S-Line

T3 Line – Technical data overview:

Types + Ref.	Gear ratio/ reduction	Head diameter	Head height (mm)
T3 Line E 200 ● 63 92 679	1:5	~ 8.7	~ 14.6
T3 Line E 40 ● 63 92 687	1:1	~ 8.7	~ 12.4
T3 Line E 6 ● 63 92 695	6:1	~ 8.7	~ 12.4
T3 Line EH 40 ● 63 92 711	1:1	–	–

Types + Ref.	Equipment	Speed (min^{-1})	Indication
T3 Line E 200 ● 63 92 679	Ø 1.6 FG	~ 200,000	Cavity and crown preparation
T3 Line E 40 ● 63 92 687	Ø 2.35 WB	~ 40,000	Finishing
T3 Line E 6 ● 63 92 695	Ø 2.35 WB	~ 6,000	Excavating
T3 Line EH 40 ● 63 92 711	Ø 2.35 HB/WB	~ 40,000	Preparation

Contra-angle handpiece, red 1:5 with 4-nozzle spray,
Contra-angle handpieces, blue 1:1 and green 6:1 with 1-nozzle spray.

T3 S-Line – Technical data overview:

Types + Ref.	Gear ratio/ reduction	Head diameter	Head height (mm)
T3 S-Line ES 200 ● 65 76 123	1:5	~ 8.7	~ 14.6
T3 S-Line ES 40 ● 65 76 131	1:1	~ 8.7	~ 12.4
T3 S-Line ES 6 ● 65 76 149	6:1	~ 8,7	~ 12.4

Types + Ref.	Equipment	Speed (min^{-1})	Indication
T3 S-Line ES 200 ● 65 76 123	Ø 1.6 FG	~ 200,000	Cavity and crown preparation
T3 S-Line ES 40 ● 65 76 131	Ø 2.35 WB	~ 40,000	Finishing
T3 S-Line ES 6 ● 65 76 149	Ø 2.35 WB	~ 6,000	Excavating

Contra-angle handpiece, red 1:5 with 4-nozzle spray,
Contra-angle handpieces, blue 1:1 and green 6:1 with 1-nozzle spray.

T4 Line* – the entrance to the Dentsply Sirona world

The straight and contra-angle handpiece of the T4 class delivers with an essential design and a robust steel sleeve. Due to the air motor – available with Midwest 4-hole or Borden 2/3-hole – you will stay flexible, regardless of the treatment unit you are using.

- Essential design out of stainless steel
- External Spray
- Push button chuck
- For use with burrs that have a 2.35 mm burr shaft diameter

* Not available in all countries.



T4 Line – Technical data overview:

Types + Ref.	Speed (rpm)	Spray	Head diameter (mm)	Head height (mm)
T4 Line B 40	max. 40,000*	external	~ 8.7	~ 12.4
T4 Line BH 40	max. 40,000	–	–	–
T4 Air Motor BM/BO	~22,000**	external	–	–

Types + Ref.	Weight (g)	Equip-ment	Ref.	Ref. pack-age of 25
T4 Line B 40	~72	Ø 2.35 WB	64 01 827	64 02 106
T4 Line BH 40	~77	Ø 2.35 WB	64 01 843	64 02 114
T4 Air Motor BM/BO	~90	–	64 39 884 64 39 892	64 32 962/ 64 32 970

* ~22,000 if connected to the T4 Air Motor BM/BO
** clockwise/counterclockwise



ISO interface and push button for rapid burr change allow efficient handling.

Special contra-angle handpieces – the right contra-angle for every task

Dentsply Sirona offers a wide range of special contra-angle handpieces. This way, you are guaranteed to find the right solution for every task.

Special contra-angle handpieces – overview of technical data:

Types	Gear ratio/ reduction	Speeds/ cycles (rpm)	Features
Prophy ☼	2.4:1	~ 5,000	Snap-on & Screw-in
EVA 04 L ☼	–	Stroke 0.4 mm	–
EVA 11 L ☼	–	Stroke 1.1 mm	–
Endo L ☼	–	Movement ± 30°	Ø 3.6–4.0 shaft/ adapter Ø 2.35
Endo 6 L ☼	6:1	~ 6,000	Ø 2.35 WB
KM 1.6 L ☼	24:1	~ 1,600	Ø 2.35 WB
Condens ☼	–	~ 12,000	–

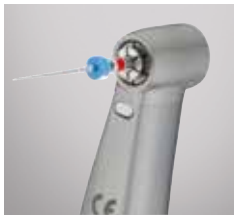
Types	T1 Classic Ref.	T1 Line Ref.
Prophy	58 99 278	18 94 901
EVA 04 L	58 99 237	33 29 260
EVA 11 L	58 99 245	41 77 015
Endo L	58 99 260	58 69 552
Endo 6 L	–	65 27 191
KM 1.6 L	58 99 252	–
Condens	–	18 94 737



Prophy
For prophylaxis
The contra-angle handpiece Prophy enables brilliant polishing of teeth and material surfaces in connection with brushes and caps.



EVA 04 L/11 L
For micropreparations
Due to the great flexibility of the file adjustment, this contra-angle handpiece is especially good for polishing and removing composite residues and for smoothing root surfaces.



Endo L
For endodontics
The 2-in-1 root canal preparation principle is based on offering a single contra-angle handpiece that enables efficient use of hand files and mechanically operated steel files.



Endo 6 L
For endodontics/endometry
In combination with the ApexLocator, the Endo 6 L allows for localization of the apex without a file clamp. The extra small head ensures that the dentist has the best possible view of the root canal.



KM 1.6 L
For surgery
The Kirschner/Meyer principle, in which the rinsing liquid/coolant is discharged directly into the milling area at the burr tip, enables atraumatic preparation and optimally supports surgical interventions.



Condens
For amalgam fillings
Amalgam fillings can be easily condensed using the Condens contra-angle handpiece combined with DENTATUS AVA tips.

Implant 20:1 – sophisticated down to the smallest detail

Top quality, easy to dismantle, and long-lasting

This contra-angle handpiece for implantology and surgical applications – Implant 20:1 – is equipped with high-quality, precise gearings that offer you optimal speed and torque (up to 70 Ncm) for all drilling and shaping applications. The extremely small head diameter provides the best view of the preparation site. Implant 20:1 is therefore ideally suited for all implant and surgical work.

Powerful and flexibly applicable

- The contra-angle handpiece works with the ISO interface.
- Due to its maximum speed of 2,000 min^{-1}* and its high torque of up to 70 Ncm, it is suitable for all drilling and shaping applications.
- Cooling is possible with an internal and external spray.
- It can be used for everything from smoothing the alveolar crest to screwing in the implants.

Hygienically perfect!

- The contra-angle can be dismantled easily without any tools.
- The handpieces can be sterilized and thermally disinfected.

Technical data	Implant 20:1
Weight (g)	~ 72
Gear ratio/reduction	20:1
Max. speed (rpm)	~ 2,000*
Max. torque (Ncm)	~ 70
Head height without burr (mm)	~ 13.8
Head diameter (mm)	~ 10.3
Equipment	Ø 2.35 mm, RA with internal cooling
Chuck	Push-button tension system
Interface	ISO interface

Type	Description/ Equipment	Ref.
Implant 20:1	For implantology and surgery, can be dismantled, gear reduction 20:1	60 43 702

* With a motor speed of ~ 40,000 rpm.



По вопросам поставки — Кавитрон kavitron.ru mail@kavitron.ru +7 (495) 686-47-83

SiroNiTi Apex/ SiroNiTi Air Plus Apex – the contra-angle handpieces for safe root canal preparation

Endodontics made quick and efficient.

The SiroNiTi Apex and SiroNiTi Air Plus Apex contra-angle handpieces ensure safe and efficient root canal treatment. Both are equipped with a 5-level torque control that can be adjusted easily right on the device. Torque cards included with the contra-angle handpieces specify the torque level suitable for each particular file of the selected file system. As soon as the selected speed is reached, unique retro-rotation caused by gentle release of the coupling prevents the files from blocking the root canal.

The SiroNiTi Apex/SiroNiTi Air Plus Apex contra-angle handpiece allows you to locate the apex even more comfortably. With the gold clip, you can connect many electronic apex locators directly without using a file clamp.

Everything revolves around perfection

- With a reduction ratio of 115:1, SiroNiTi Apex is perfectly compatible with an electric motor, and SiroNiTi Air Plus Apex (66:1) is more suitable for an air motor.
- All standard nickel-titanium file system with Ø 2.35 mm can be used.
- The ISO interface allows for free selection of the micromotor.

Hygienically perfect!

- The contra-angle handpieces can be sterilized and thermally disinfected

Safely, quickly, and thoroughly.

- Torque cards recommend the suitable torque limits in 5 levels, which can be set by turning a preselection ring directly on the contra-angle handpiece.
- The wear-free, gold-plated magnetic coupling prevents blocking of the file.
- Retro-rotation prevents blocking of the file when the torque is exceeded.
- A large selection of endometric units can be connected to the gold clip for apex location.







SiroNiTi Apex/ SiroNiTi Air Plus Apex – safety is as valuable as gold

1 When you connect the mucosal electrode and the measurement cable of your apex locator to the contact pin, you have a complete “endodontic system” at your disposal. The contact pin on the gold clip is available in diameters of 2 mm and 1.5 mm – suitable for endometrial devices.

2 The new insulation sleeve enables safer apex location: just pull the single-use sleeve over the handpiece and sterilize the instrument after treatment.

3 The gold-plated magnetic coupling prevents blocking the file using retrograde rotation.



SiroNiTi Apex/SiroNiTi Air Plus Apex – overview of technical data:

Recommended use depending on file system	SiroNiTi Apex	SiroNiTi Air Plus Apex
Electric motor	■	■
Air motor	–	■

Technical data	SiroNiTi Apex	SiroNiTi Air Plus Apex
Gear ratio/reduction	115:1	66:1
Max. operating speed (rpm)	~ 350	~ 600
Rotary movement	360°	360°
Chuck	press button	press button
Equipment	2.35 WB	2.35 WB
Torque levels	5	5
NiTi files	All available file systems	All available file systems

Types	Description/Features	Ref.
SiroNiTi Air Plus Apex	For connection to an air motor or an electric motor for file systems with higher permissible speed ranges	63 24 615
SiroNiTi Apex	For connection to an electric motor for file systems with normal speed ranges	61 74 234
Clip dia. 2 mm (gold-plated)	e.g., for ProPex and ProPex II – Dentsply Sirona Raypex 4 and Raypex 5 – VDW Root XZ – Morita Apex Pointer – MicroMega iPEX – NSK Mini apex locator – Sybron Endo	63 45 230
Clip dia. 1.5 mm (gold-plated)	e.g., for ApexMaster – EMS	63 45 248
Insulation sleeve	Insulation sleeve for endo (5 pcs.)	63 24 631

SiroEndo Pocket – the mobile endodontic solution

Safety to go

The true advantages of the SiroEndo Pocket will pay off for you if you perform root canal preparation in several treatment rooms. This compact, battery-powered unit can be used wherever and whenever you need it. And of course, you can also use it while it is charging.

In addition to the integrated apex locator, SiroEndo Pocket also has a file library that can always be updated with the newest files.

We also paid special attention to ease of use. The display can be tilted to offer optimal viewing comfort; the language of the settings can be selected individually.

Intuitive operation
The display is clearly arranged and has easy-to-understand icons.

Always in view
The integrated apex locator ensures optimal measuring accuracy without a file clamp when using the Sirona Endo 6:1.

Insulation sleeve
The new insulation sleeve enables safer apex location.

Optimally equipped
In the preprogrammed and continually updated file library, you can quickly locate your required system and file type.

Wireless treatment
The SiroEndo Pocket is equipped with a storage battery (operating time: approx. 2 hours) that also allows the unit to be used when it is charging.







SiroEndo Pocket – overview of technical data:

Properties	SiroEndo Pocket
Voltage (V)	~ 100–240
Frequency (Hz)	~ 47–63
Power (W)	~ 30
Motor speed (rpm)	~ 1,200–19,200
Torque (Ncm)*	~ 0.2–5
Battery operation	yes

Designation	Description/Equipment	Ref.
SiroEndo Pocket incl. Endo 6:1	Complete with control unit, motor, hose, foot control, power supply unit, cable for mucosal electrode, cable for file clamp, 2 mucosal electrodes, and SiroEndo pocket memory stick	61 95 882
contra-angle handpiece Endo 6:1	Suitable for apex measurement without file clamp, gear reduction 6:1	59 94 277

Accessories	Ref.
SiroEndo pocket memory stick	61 96 674
SiroEndo pocket software update stick	61 96 682
SiroEndo pocket cable for mucosal electrode + mucosal electrode	61 96 716
SiroEndo pocket cable for file clamp + file clamp	61 96 724
SiroEndo pocket battery pack	61 96 732
SiroEndo pocket motor incl. cable	61 96 740
SiroEndo pocket motor cable (length 1,700 mm)	61 96 757
SiroEndo pocket motor cartridge	61 96 765
Insulation sleeve for Endo 6:1 (5 pcs.)	63 24 631

* Depending on the contra-angle handpiece used.

Endo 6:1 – the optimal contra-angle handpiece for root canal preparation

In combination with an apex locator, the compact Endo 6:1 contra-angle handpiece facilitates locating the apex without the need for a file clamp. Depth is measured directly via the contra-angle handpiece. The extremely compact head ensures that the dentist has the best possible view of the root canal, and the slim design without a file contact clip is the key to perfect ergonomics. Thanks to the practical ISO interface, the user has a free choice of micromotors.

Ideal in combination with:

- SiroEndo Pocket
- Intego endodontic function

The new insulation sleeve enables safer apex location: just pull the single-use sleeve over the handpiece and sterilize the instrument after treatment. The contra-angle handpieces can be sterilized and thermally disinfected.









По вопросам поставки — Кавитрон kavitron.ru mail@kavitron.ru +7 (495) 686-47-83

SiroLaser Blue – three wavelengths, many options

Dental diode lasers have clear benefits compared to conventional treatment methods, with largely scar-free wound healing and improved antibacterial efficacy. For patients, the use of lasers means less post-operative pain and therefore less need for medication. And your practice also benefits, as having satisfied patients is the best way to ensure success. The compact SiroLaser Blue is the first dental diode laser to have a blue, an infrared, and a red diode. This enables it to cover a range of more than 20 indications, therefore ensuring virtually boundless applications in your practice routine.

Which diode for which application?

The blue diode with 445 nm is ideally suited to all surgical applications and for hemostasis. Depending on wavelength, the laser beam may be absorbed well or less well by the tissue. The blue diode (with 445 nm) can thus achieve a substantially better cutting result at a lower wattage than infrared laser light (i.e. about 810, 940, 970 nm) at a higher power rating. Thanks to the new wavelength, for the first time it is now possible to cut without tissue contact using a diode laser. The proven infrared 970-nm diode is used to reduce bacteria levels in periodontology and endodontics. The additional red 660-nm diode is used for 'soft laser' applications such as LLLT or biostimulation. The SiroLaser Blue thus covers all possible indications for treatment with a diode laser.



All indications at a glance

Endodontics
Endo. germ reduction
Gangrene bacterial reduction
Pulpotomy
etc.
Periodontology
Perio. germ reduction
Peri-implantitis
etc.
Miscellaneous
Aphthous ulcers
Medical bleaching*
Desensitization
Hemostasis
Herpes
Soft laser treatment

Surgery
Abscess
Epulis
Fibroma
Frenectomy
Gingivectomy
Gingivoplasty
Implant removal
Incisions/excisions
Operculectomy
Gingival troughing
etc

* e.g., as endodontic follow-up treatment; no predefined treatment program

Technical data	
Wavelength and operating performance	445 nm +/–5 nm / 0.2 – 3.0 W (CW) 660 nm +/–5 nm / 25, 50 and 100 mW (CW) 970 nm –10/+15 nm / 0.2 – 2.0 W (CW)
Laser operating mode	Continuous wave, chopped mode
Frequency	1–10,000 Hz
Duty cycle	Variable
Weight	~ 1.3 kg (incl. handpiece and battery)
Dimensions	~ 19.7 cm x 18.2 cm x 18.9 cm

SiroLaser Blue – ready to use in just a few steps

- **Sterile disposable fibers (EasyTips):** before every treatment, simply stick one of these practical EasyTip disposable fibers on the handpiece of the SiroLaser Blue, and you can then start treatment immediately. All of this without time-consuming assembly steps, without packaging, and without sterilization. All fibers are made in Germany.
- **Therapy light guides (MultiTips):** for soft laser applications and medical bleaching (e.g., as endodontic follow-up treatment).
- **Over 20 pre-defined programs:** for every treatment, there is already a pre-defined program. You simply select the desired treatment on the touchscreen and start working. In addition, the Help function assists you in administering the treatment properly.
- **Six favorites can be selected:** there are some treatment types that you perform more frequently than others. To avoid the need to scroll through all of the programs, you can conveniently configure your individual home screen.
- **Application memory:** the last 50 uses by each user are saved on the device and can be conveniently retrieved via the USB port.
- **Individual user profiles:** you may have several people in your practice who use the SiroLaser Blue for treatment. No problem, since up to 6 password-protected user profiles can be adapted individually to suit your needs.
- **Integrated battery:** the battery also charges while you work – full mobility and flexibility.
- **Intuitive user interface:** the user interface is designed so intuitively that you will immediately find what you are looking for.
- **Handpiece with integrated finger switch:** the integrated finger switch makes an additional foot control obsolete. Stainless steel autoclavable handpiece case.
- **Delegation*:** you can delegate applications in soft laser therapy to your practice assistant.
- **Flexible laser activation:** integrated finger switch on the handpiece or optional foot control.
- **Ready to use quickly:** standby mode for immediate availability without shutting off the device.
- **Technical safety checks:** technical safety checks are required by law. For the SiroLaser Blue, it is required only once every two years – for other providers, it is generally once per year.
- **Warranty:** 2 years

* Please comply with country-specific regulations.

Scope of delivery

- SiroLaser Blue incl. stainless steel handpiece with integrated finger switch (battery pack already included)
- Additional handpiece cases for alternating operation
- Demo set of disposable finger tips (non-sterile demo fibers): 2x EasyTip 320 µm, 2x EasyTip Endo, 2x EasyTip 200 µm
- Combination bending tool
- Fiber cutter
- 3 pairs of laser safety goggles (for dentist, dental assistant, and patient)

Accessory	Ref.
Handpiece sleeve with keypad	64 87 784
EasyTip 320 µm (25 count)	64 98 062
EasyTip 200 µm (25 count)	64 98 484
EasyTip 200 µm Endo (25 count)	65 35 905
MultiTip 8 mm, therapy guide light	65 41 465
MultiTip 4 mm, therapy guide light	65 41 499
Handpiece optic protection cap (5 pcs.)	65 79 580
Fiber cutter	60 91 669
EasyBend – bending tool (2 count)	66 18 180
Wireless foot control	62 56 841
SiroLaser Blue user safety goggles	65 41 515
SiroLaser Blue patient safety goggles	65 41 523
SiroLaser Blue safety goggles for eyeglass wearers	65 46 407
Laser magnifier flip-up with extra lenses (magnification: 3.0x; working distance: 400 mm)	66 25 177
Laser magnifier flip-up with extra lenses (magnification: 3.0x; working distance: 350 mm)	66 25 169

SiroLaser Blue Ref. numbers for the following countries:
Germany, Austria 65 40 491; Switzerland 65 40 632; Italy 65 40 657;
Netherlands, Belgium 65 40 509; France 65 40 640;
Great Britain 65 40 624; Spain 65 40 608; Portugal 65 40 665;
Denmark 65 40 616; Finland, Norway, Sweden 65 40 590.
Australia 65 73 401, ROW 65 59 111, Additional languages 65 40 673.
Additional countries on request.

SiroLaser Advance Plus – a Plus for your practice

Effective germ reduction. Minimally invasive surgery. Support during CEREC restorations. Even treatment of herpetic lesions and medical bleaching. For patients, the use of lasers means less post-operative pain and therefore less need for medication. Satisfied patients are the best way to ensure success. The new SiroLaser Advance Plus by Dentsply Sirona enhances your practice. SiroLaser Advance Plus is designed for experts and less experienced users alike. With SiroLaser Advance Plus, you'll enjoy intuitive and versatile use to fully concentrate on each patient.

Intuitive handling:
- Touchscreen navigation
- Clear user prompts
- Self-explanatory menu icons

Immediate treatment:
- Pre-set programs for key applications
- Optional help menu for each pre-set program to assist less experienced users
- Sterile delivered disposable fibers

Individual customization:
- 24 programmable applications
- User profiles, each with a personal access code

Versatile operation:
- Ergonomic handpiece with light-touch finger switch
- Battery-operated for greater portability
- Additional 660 nm diode for Low-Level-Laser Therapy (LLLT)



All indications at a glance

Endodontics
Endodontic germ reduction
Gangrene germ reduction
Pulpotomy
etc.
Periodontology
Periodontic germ reduction
Peri-implantitis
etc.
Other
Aphthous ulcers
Desensitization
Hemostasis
Herpes
Medical Bleaching*
Soft laser therapy

Surgery
Abscess
Epulis
Fibroma
Frenectomy
Gingivectomy
Gingivoplasty
Implant uncovery
Incisions/excisions
Operculectomy
Gingival troughing
etc.

* e.g. following an endodontic treatment; no predefined treatment program

Technical data	
Wavelength and operating performance	660 nm +/–5 nm / 25, 50 and 100 mW (CW) 970 nm –10/+15 nm / 0.2 – 7.0 W (CW); -14W (Peak Pulse)
Laser operating mode	Continuous wave, chopped mode, peak pulse
Frequency	1 – 10,000 Hz
Duty cycle	Variable
Weight	~ 1.3 kg (incl. handpiece and battery)
Dimensions	~ 19.7 cm × 18.2 cm × 18.9 cm

SiroLaser Advance Plus – easy operation and useful features

- **Sterile disposable fibers (EasyTips):** Before every treatment simply stick one of the practical EasyTips on the handpiece of the SiroLaser Advance Plus – and you can then start the treatment directly. All of this without time-consuming assembly steps, without wrapping and without sterilization. All fibers are made in Germany.
- **Therapy light guides (MultiTips):** For soft laser applications and medical bleaching (e.g. as endodontic follow-up treatment).
- **More than 20 preset programs:** For every treatment, there is already a preset program. You simply select the desired treatment on the touchscreen and start working. In addition, the Help function assists you to administer the treatment properly.
- **Six favorites can be selected:** There are some treatment types that you perform more frequently than others. To avoid the need to scroll through all of the programs, you can conveniently configure your individual home screen.
- **Application memory:** The last 50 applications of each user are saved by the device and can conveniently be retrieved from the USB port.
- **Individual user profiles:** You may have several people in your practice who use the SiroLaser Advance Plus for treatment. No problem, since up to 6 password-protected user profiles can be adapted individually to suit your needs.
- **Integrated battery:** Full mobility and flexibility. The battery charges while you are working.
- **Intuitive user interface:** The user interface is designed so intuitively that you will immediately find what you are looking for.
- **Handpiece with integrated finger switch:** The integrated finger switch makes an additional foot pedal obsolete. Autoclavable stainless steel handpiece sleeve.
- **Delegatability*:** You can delegate applications in soft laser therapy to your practice assistant.
- **Flexible laser activation:** Integrated finger switch at the handpiece or optional wireless foot control.
- **Quickly ready for use:** Standby mode for immediate availabilty without switching off the device.
- **Technical safety checks*:** A technical safety check is required by law. For the SiroLaser Advance Plus, it is required only every two years – for other providers, generally once a year.
- **Warranty:** 2 years

* Depends on country-specific regulations.

Scope of delivery

- SiroLaser Advance Plus incl. stainless steel handpiece with integrated finger switch
- Battery pack (already mounted)
- Additional handpiece sleeve for alternating operation
- Demo set of disposable, non-sterile fiber tips: 2× EasyTip 320 µm, 2× EasyTip Endo, 2× EasyTip 200 µm
- Combined bending tool
- Fibercutter
- 3 laser safety goggles (for dentist, dental assistant, and patient)

Accessories	Ref.
Handpiece sleeve with keypad	64 87 784
EasyTip 320 µm (25 pieces)	64 98 062
EasyTip 200 µm (25 pieces)	64 98 484
EasyTip 200 µm Endo (25 pieces)	65 35 905
MultiTip 8 mm, therapy light guide	65 41 465
MultiTip 4 mm, therapy light guide	65 41 499
Optic protective cap for handpiece (5 pieces)	65 79 580
Fibercutter	60 91 669
EasyBend – Bending tool	65 44 097
Wireless foot control	62 56 841
Laser safety goggles for users SiroLaser Advance Plus	65 41 564
Laser goggles for patients SiroLaser Advance Plus	65 41 523
Laser safety goggles for eyeglasses wearers SiroLaser Advance Plus	65 41 572
Laser loupe glasses flip-up with exchangable lenses (magnification: 3.0x; working distance: 400 mm)	66 25 177
Laser loupe glasses flip-up with exchangable lenses (magnification: 3.0x; working distance: 350 mm)	66 25 169

SiroLaser Advance Plus Ref.-No. for the following countries: France 65 40 764; Switzerland 65 40 756; Finland 65 40 715; Norway 65 40 715; Sweden 65 40 715; Denmark 65 40 723; ROW 65 75 505. Further countries on request.

SiroLaser Xtend – the comfort laser for newcomers

The whole spectrum, right from the word go. Add to that intuitive usernavigation, pre-set treatment programs and overall flexibility. SiroLaser Xtend gets right to work. It's a safe bet that this laser will soon become a favorite around your practice! The power of plug and play. The all-rounder for newcomers: SiroLaser Xtend.

- Touchscreen allows easy navigation and operation
- Most important applications are preset as therapy programs
- 24 freely programmable applications offer space for individual treatments
- The primary user and one additional user access their individual profiles with personal settings via a different PIN code
- Flexible, bendable and rotatable single-use tips and replaceable, sterilizable fibers guarantee the highest hygienic standards

Upgrade possible:

- Hotkeys for 12 favorites make you access the desired treatment even faster
- Data storage provides all users an overview of every treatment
- Battery operation implies maximum mobility



Technical data	
Lasersystem	Class IV (IEC 60825-1)
Wavelength (nm)	970 +/– 15
Laser operating mode	Continuous Wave, Chopped Mode, Peak-Pulse Mode
Power (W)	5*
Power (Peak-Pulse) (W)	~ 10*
Duty cycle	50 % (fixed)
Frequency (Hz)	~ 1–1,000*
Weight (kg)	~ 1.0 (incl. handpiece)
Dimensions (cm)	~ 19.7 x 18.2 x 18.9
Pilot beam (nm) / (mW)	635–650 / max. 1

* Upgrade possible.

Scope of delivery

- SiroLaser Xtend incl. handpiece with integrated finger switch
- Additional handpiece sleeve for alternating operation
- Single-use tips incl. bending tool: 50 pieces
- Optical fibers: 4 x 320 µm, 1 x 200 µm

Deliverable in	Ref.
Italy	63 13 824
Netherlands, Belgium	63 13 865
England	63 13 832
Spain	63 13 758
Portugal	63 13 840
Denmark	63 13 857
Finland, Norway, Sweden	63 13 873
Rest of world (ROW)	63 13 766

Accessories	Ref.
Handpiece sleeve for alternating operation	62 56 767
Set of 320 µm fibers (5 pcs.)	62 56 759
Set of 200 µm fibers (5 pcs.)	62 56 742
Fiber cutter	60 91 669
Package of single-use tips (100 pcs.) incl. bending tool	62 56 692
Laser safety goggles (transparent glass filter)	61 81 585
Laser safety goggles for lens wearers (transparent glass filter)	61 81 593
Laser safety goggles for patients (transparent glass filter)	60 47 745
Laser loupe glasses flip-up with exchangable lenses (magnification: 3.0x; working distance: 400 mm)	66 25 177
Laser loupe glasses flip-up with exchangable lenses (magnification: 3.0x; working distance: 350 mm)	66 25 169
Rechargeable battery	62 56 833

This product is supplied without a paper version of the instruction manual. This can be easily downloaded in pdf format from the internet at www.td.sirona.com

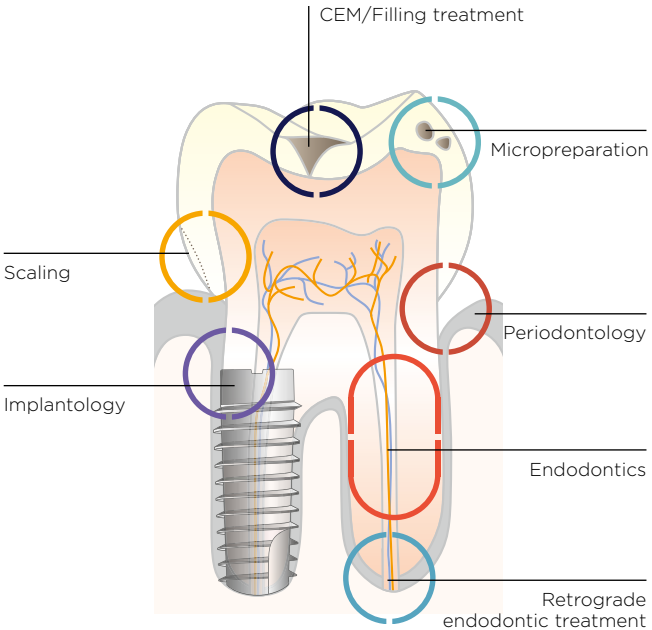
PerioSonic/SiroSonic/L/TL – unlimited ultrasonic applications

There is more than you expect

PerioSonic/SIROSONIC/L/TL ultrasonic handpieces go above and beyond satisfying the increasing requirements and demands of a modern dental practice. The power control enables dentists to use it perform sensitive periodontal treatments requiring a low power setting as well as for micropreparations.

PerioSonic, SiroSonic L, and SiroSonic TL also feature powerful lighting for optimal illumination of the oral cavity.





Versatile with a range of tips

- Preventative and periodontal treatments can be performed optimally.
- Additional applications include rinsing and retrograde preparation of root canals.
- Preparing cavities as well as placing inlays can both be performed easily.

Powerful and controlled treatment

- The controlled, linear oscillations generate high cavitation effects at the tip of the instrument.
- Optimal control of power and water right on the handpiece.

Perfect hygiene

- Handpiece and tips can be sterilized
- External rinsing fluids can be used with the corresponding spray adapters

PerioSonic/SiroSonic/L/TL – overview of technical data:

Technical data	PerioSonic/SiroSonic/ SiroSonic L/ SiroSonic TL LED
Drive	Piezoelectric
Oscillation	Linear
Oscillating frequency (kHz)	~ 25–32
Illumination*	LED ~16,000 Lux
Handpiece diam. (mm)	max. 18
Handpiece grip diam. (mm)	~ 12 / ~ 18
Handpiece length (mm) (without instrument tip)	~ 96 / ~ 101
Weight (g)	~ 47 / ~ 50

Types	Versions	Ref.
SiroSonic	Without light, incl. tips no. 3L and no. 4L	59 13 517
SiroSonic L	With light, incl. tips no. 3L und no. 4L	59 13 509
SiroSonic TL	With light, incl. tips no. 3L and no. 4L	62 12 216
PerioSonic	With light and signal ring	60 30 410

Accessories	Application	Ref.
Spray adaptor 	For SiroSon/SiroSon L and SiroSonic/SiroSonic L or use with externally supplied special rinsing fluids	60 02 286
PerioSonic spray adaptor 	For SiroSonic TL and PerioSonic for use with externally supplied special rinsing fluids	61 41 852
Torque key 	For fastening the tip to the handpiece securely	60 06 196

* Not for SiroSonic

PerioSonic/SiroSon S/L, SiroSonic/L/TL– matching tips:

For scaling

Wide range of tips available for all stages of supragingival scaling.

Accessories	Application	Ref.
Tip no. 1L* 	For initial lingual and buccal scaling	89 24 250
Tip no. 2L* 	Versatile, lingual, buccal, and approximal	89 24 268
Tip no. 3L* 	Universal bilateral, subgingival, and interdental	18 94 455
Tip set no. 3L* (2 pcs.)	s. tip no. 3L	64 12 451
Tip set no. 3L* (6 pcs)	s. tip no. 3L	65 41 044
Tip no. 4L* 	Universal, ideal for supragingival and subgingival tooth surfaces and interdental areas	18 94 463
Tip set no. 4L* (2 pcs.)	s. tip no. 4L	64 12 469
Tip set no. 4L* (6 pcs.)	s. tip no. 4L	65 41 051
Checkcard for tips 	Tool for checking the lengths of instruments no. 1L–no. 4L, SiroPerio 1 and 4PS	54 55 667

For micropreparation

Selectively diamond-coated tips with a 20° bevel for minimally invasive preparation and adhesive treatment of small approximal cavities. Cooling spray is deposited directly on the preparation site. Contra-angle ensures universal access to all quadrants with only 2 tips/sizes.

Accessories	Application	Ref.
SiroPrep M1* small 	Mesial	59 04 276
SiroPrep D1* small 	Distal	59 47 309
SiroPrep M2* standard 	Mesial	59 47 358
SiroPrep D2* standard 	Distal	59 47 366
SiroPrep-Set, comprising: SiroPrep M1/M2 and D1/D2, incl. torque wrench		59 50 253

* incl. torque wrench

PerioSonic/SiroSon S/L, SiroSonic/L/TL– matching tips

For periodontology

For removing deposits in subgingival tissue as well as in deep gingival pockets. With SiroPerio you have the best possible access to all areas to effectively remove deposits. Maximum comfort through good accessibility even in bifurcations.

Accessories	Application	Ref.
SiroPerio PE1* Straight bristles 	for rinsing and cleaning roots in deep gingival pockets	60 44 825
SiroPerio PE2* Right curvature 	for cleaning roots in deep gingival pockets in the posterior area	60 44 833
SiroPerio PE3* Left curvature 	for cleaning roots in deep gingival pockets in the posterior area	60 44 841
SiroPerio 4 PS* Especially for use with PerioScan 	for detection and root scaling in deep gingival pockets with PerioScan	61 77 005
SiroPerio PE5* Right curvature 	for cleaning roots in deep gingival pockets in the posterior area	63 43 078
SiroPerio PE6* Left curvature 	for cleaning roots in deep gingival pockets in the posterior area	63 43 086
SiroPerio-Set, consisting of: SiroPerio 1–3 incl. torque wrench		59 50 246

For filling therapy

Accessories	Application	Ref.
CEM-Set Nr. 6L*, including: 1 CEM-Tip No. 6L, 2 Contact inserts for inlays 	for inserting ceramic inlays (i.e. CEREC) with thixotropic composites	18 94 307
Contact attachment	for CEM tip No. 6L, 10 pcs. for inlays	18 94 372

For implantology

Accessories	Application	Ref.
SiroImplant IP1 only for SiroSon L, SiroSonic/L/TL and PerioSonic 	for cleaning implants as well as metal and ceramic restorations	63 43 052
Use of IP1 for SiroImplant IP1	Scope of delivery: 5 pcs.	63 43 094

For endodontics

Accessories	Application	Ref.
Endo tip No. 5 only for SiroSon L, SiroSonic L, SiroSonic TL, PerioSonic	for rinsing root canals with NaOCl	60 02 310
Knurled bush and endo key for Endo tip No. 5	for tightening the clamping forceps or for assembling and disassembling the Endo tip	18 95 080

For retrograde root treatment

Selective diamond-coated tips for retrograde apicoectomies. The tips are angled at approx. 20° (right or left) to facilitate access to the preparation site.

Accessories	Application	Ref.
SiroRetro KR* Short, angled to the right 	For the lower left jaw or upper right jaw	54 57 895
SiroRetro KL* Short, angled to the left 	For the lower right jaw or upper left jaw	54 57 887
SiroRetro GR* Long, angled to the right 	For the lower left jaw or upper right jaw	54 57 911
SiroRetro GL* Long, angled to the left 	For the lower right jaw or upper left jaw	54 57 903
SiroRetro set, consisting of: SiroRetro KR/KL und GR/GL, incl. torque wrench		54 57 929

* Including torque wrench

Motors. Made by Dentsply Sirona – powerful and reliable

Power you can rely on

Sirona's electric motors cover a very wide range of speeds, and therefore can be used for many different tasks in dental practice. They stand for exceptional reliability and durability and impress with their superb performance features.

Huge in versatility

The wide range of speed of Dentsply Sirona motors ensures a wide variety of applications. The constantly high torque is optimally adapted through electronic compensation to each work situation. The interfaces are very diverse with the Dentsply Sirona interface, ISO standard, INTRAmatic®, or INTRAmatic® Lux.

Always ergonomic

Dentsply Sirona is the unique supplier of two interfaces: Motor BL/BL E/SL for T1 Classic as well as BL ISO C/E and SL ISO for the T1/T2/T3 Line and T2/T3 S-Line. The contra-angle handpiece feels very well balanced in the hand, especially with the T1 Classic with built-in BL/BL E/SL motor.

INTRAmatic® Lux
is a registered trademark of KaVo Dental GmbH, Germany.



1 **Dentsply Sirona-Motor SL**
Compatible with T1 Classic straight and contra-angle handpiece-program

2 **Dentsply Sirona-Motor SL ISO**
Dentsply Sirona-Motor SL incl. attachable ISO adapter. For Dentsply Sirona T1 Classic as well as for all straight and contra-angle handpieces with ISO Interface such as the T1/T2/T3 Line and T2/T3 S-Line





SL/SL ISO motor – proven, robust, and reliable

Durable, robust, and hygienic

- With 200 to 40,000 revolutions per minute, the SL and SL ISO collector motors from Dentsply Sirona facilitate a broad range of applications.
- A soft start and stop protect the motor as well as the straight and contra-angle handpieces.
- Freely rotating hose prevents spin effect.
- The SL ISO motor's removable adapter can be sterilized
- For Dentsply Sirona C Line treatment centers

Technical data	SL/SL ISO motor (SL motor incl. ISO adapter) LED
Number of revolutions (rpm)	~ 200–40,000
Max. torque (Ncm)	~ 2.4
Max. power (W)	~ 58
Motor diameter (mm)	~ 16/22
Motor length (mm)	~ 50/61.5
Weight (g)	~ 47/87
Cooling air requirement (Nl/min)	~ 30
Spray air pressure (bar)	~ 2.7
Spray water pressure (bar)	~ 2

Description	Versions	Ref.
SL motor	–	41 76 710
SL ISO motor	SL motor + adapter ISO	60 35 989
ISO adapter	with light and spray	60 00 793
Basic adapter (Apex)	with light, without spray	59 83 072

BL/BL E and BL ISO C/E/BL Implant motors – the powerful, brushless micromotors

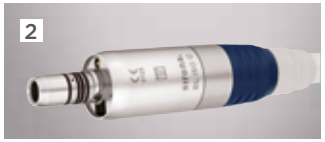
Brushless, compact and hygienic

- Dentsply Sirona brushless BL motors are not only extra short, they are also the lightest and most ergonomic in the world
- These brushless micromotors are electronically controlled with perfection
- The BL/BL E and BL ISO C/E motors have a back-suction valve
- Motors and adapters are sterilizable and maintenance-free

Only the best in performance

- With their 90–40,000 rpm speed range (depending on the combination of Dentsply Sirona motor and treatment unit: more details in the specifications) they always offer maximum torque
- The microprocessors also provide quiet and stable operation at rapidly changing motor speeds
- The BL/BL E and BL ISO C/E motors support the Apex function depending on the treatment unit
- The slim and lightweight BL Implant implantology motor with internal cooling provides a max. torque of 5 Ncm, with no air outlet at the preparation site





1 **Dentsply Sirona BL motor**
Compatible with T1 Classic straight and contra-angle handpiece program

2 **Dentsply Sirona BL ISO C motor**
Compatible with T1/T2/T3 Line and T2/T3 S-Line straight and contra-angle handpiece program

Models Specifications	BL motor[1] BL E motor[2] LED	BL ISO C motor[3] BL ISO E motor[4] LED	BL Implant motor**
Number of revolutions (rpm)*	~ 90–40,000[1] ~ 1,200–40,000[2] ~ 100–40,000[2] In conjunction with eControl	~ 90–40,000[3] ~ 2,000–40,000[4] (Sinius) ~ 1,200–40,000[4] (Intego) ~ 100–40,000[4] in conjunction with eControl (Intego Pro)	~90–40,000
Max. torque (Ncm)	~ 2.4	~ 3.0	~ 5.0
Max. power (W)	~ 45	~ 61	~ 80
Motor diameter (mm)	~ 16	~ 22	~ 22
Motor length (mm)	~ 54	~ 45	~ 61
Weight (g)	~ 65	~ 81	~ 106
Cooling air requirement (Nl/min)	~ 20	~ 20	~ 20
Spray air pressure (bar)	~ 2.7	~ 2.7	–
Spray water pressure (bar)	~ 2	~ 2	–

Versions/ Usage of	BL[1]/BL E[2] motor	BL motor + ISO adapter	BL ISO C[3]/ E[4] motor	BL Implant motor**
Dentsply Sirona				
T1 Classic	■	■	–	–
T1/T2/T3 Line T2/T3 S-Line	–	■	■	–
Implant 20:1	–	–	–	■
SiroNiTi Apex & SiroNiTi Air Plus Apex	–	■	■***	–
Other suppliers				
INTRAmatic® Lux	–	■	■	–
INTRAmatic® – without light	–	■	■	■
ISO 3964 – without light and spray	–	■	■	■
Ref.		60 00 793		62 12 208
Ref. with LED	63 19 714[1] 65 46 225[2]		63 37 518[3] 64 45 899[4]	

* Minimum rotation speed depends on the configuration of the Dentsply Sirona treatment unit. ** In combination with the Teneo Dentsply Sirona treatment unit. *** Apex function in combination with BL ISO C motor and Teneo/Sinius or BL ISO E motor and Intego pro.

Sprayvit E/M – multifunctional syringe with or without light

Keep your examinations completely under control

Sprayvit, Dentsply Sirona's multifunctional syringe, guarantees this. With optional pinpoint lighting, built-in heater, and rotatable nozzle, Sprayvit adapts optimally to the particular requirements.

Comfortable and flexible treatment

- 360° freely rotatable nozzle
- Pinpoint lighting of up to 25,000 Lux for preparation control
- Nozzle G with light is optimally suited to the initial examination
- Adhesive dentistry is made possible with dry air
- All media quickly heat up to physiological temperatures

Safe and hygienic down to the last detail

- All media are separated until the outlet
- Highest reliability is ensured even with hard tap water
- Outer sleeves and nozzles are easily removable and sterilizable
- The replaceable keypad is easy to clean
- The back-suction stop valve prevents the absorption of spray water



Technical data	Sprayvit E/M LED
Water heating capacity (W)	max. 120, max. 22V*
LED current (mA)	~ 100
Water flow (ml/min)	≥ 130
Air flow (Nl/min)	≥ 13
Total length with bent nozzle (mm)	~ 171
Length from keypad to tip of nozzle (mm)	~ 75
Weight without hose (g)	~ 85

* only for Sprayvit M

Types	Versions	Ref.
Sprayvit M, 5-way (Sinius + Teneo)	Including nozzle G (long), with LED, Spray water heated, water button on the right	63 21 793
	Including nozzle G (long), with LED, Spray water heated, water button on the left	63 21 801
Sprayvit E, 3-Way (Intego pro)	Including nozzle (short), with LED, without heating, water button on the right	64 36 195
	Including nozzle (short), with LED, without heating, water button on the left	64 36 203

Types	Versions	Ref.
Nozzle G	Long, bent, with light	59 92 180
	Long, bent, without light	59 92 206
Sprayvit nozzle G set (6 pcs.)	Long, bent, with light	65 41 226
Nozzle (option for assistant)	Short, straight, with light	41 77 783
	Short, straight, without light	59 92 198
Handpiece sleeve, for regular sterilization	Right water line	60 02 179
	Left water line	60 02 187
LED	for Sprayvit E/M	63 22 007
Keypad		63 21 728

The Dentsply Sirona hygiene competence – sophisticated systems for maximum safety

Optimal hygiene – definitely the right solution
Practice hygiene is becoming ever more important and is increasingly monitored. Ensure all-round protection for yourself, your practice team, and your patients by using instruments reprocessing with a high level of hygienic safety and comprehensive documentation options. Hygiene solutions from Dentsply Sirona are suitable for the cleaning, care, disinfection, and sterilization of dental instruments.

With the DAC Premium und DAC Professional product lines, Dentsply Sirona class B autoclaves are capable of meeting the highest medical requirements. They are universally suitable for all sterilization products.

SiroSeal sealing devices allow instruments to be packaged for storage and transport.

Regardless of your hygiene workflows, we have the appropriate solution.



Critical

Semi-critical

DAC Universal – close your hygiene gap

The combination autoclave cleans, oils, and disinfects/sterilizes up to six straight and contra-angle handpieces, turbines, ultrasonic handpieces and tips, as well as the nozzles of multi-functional syringes and powder jet devices at the touch of a button.



Professional care

- Cleaning, lubrication if necessary, disinfection, and sterilization in a single cycle
- Internal and external cleaning of straight and contra-angle handpieces, turbines, ultrasonic handpieces, and tips as well as the nozzles of multi-functional syringes and powder jet devices
- Disinfection or sterilization of instruments

Fully automatic reprocessing

- 6 instruments in next to no time
- Process-reliable and time-saving
- Simple operation
- An interface for electronic documentation systems

Cost-efficient reprocessing

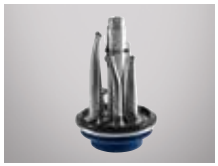
- Low operating and consumption costs – no use of cleaning and disinfection chemicals
- Low instrument investment costs thanks to quick return to service

Legal certainty

- Cleaning, disinfection, and sterilization process which can be validated
- Cleaning, disinfection, and sterilization process in accordance with ISO 15883 and EN 13060 class S

DAC Universal – the extraordinary is our standard

Hygiene without gaps
The versatility of the DAC Universal is unparalleled. Regardless of whether you want to reprocess unwrapped or solid instruments: It's your choice.



Rotating instruments
With the 2 standard programs of the DAC Universal, you can clean, lubricate, and sterilize up to 6 instruments in a short time. They are then immediately available for the next patient.



Non-rotating instruments
Ultrasonic handpieces and tips as well as the nozzles of multi-functional syringes and powder blasting devices are cleaned internally and externally prior to thermal disinfection. The ultrasonic tips are reprocessed together with the corresponding torque wrench.



Solid instruments
With the Basket lid, solid instruments are cleaned and sterilized quickly and efficiently. This lowers the risk of human error and protects against possible injuries.

Specifications	DAC Universal
Power supply	~ 90–120V AC/190–240V AC, 50/60 Hz
Power consumption (kW)	~ 1.1
Water quality	demineralized or distilled water (< 3 µS)
Water tank capacity (l)	~ 1.8
Oil tank capacity (l)	~ 0.2
Height, open (cm) (with standard lid)	~ 53
Height, closed (cm) (with standard lid)	~ 35
Width (cm)	~ 38
Depth (cm)	~ 37
Weight (kg)	~ 23

Basic equipment DAC Universal

Designation	Description/models	Ref.
DAC Universal	Equipped with: Standard lid without adapter, 1 can NitramOil care concentrate Indicator holder "Standard" Air filter	65 43 321 (GER) 65 40 087 (Europe) 65 40 079 (World)
Waste water tank installation kit	Comprising: – Waste water tank – Pressure gauge – Water filter – Air filter holder – Filter for filter housing (6 pcs.) – NitraClean tablets (100 pcs.) – Chemical indicators, class 5 (100 pcs.)	64 33 267
Installation kit, waste water tank	Comprising: – Waste water tank – Pressure gauge – Water filter – Air filter holder – Filter for filter housing (6 pcs.) – NitraClean tablets (100 pcs.) – Chemical indicators, class 5 (100 pcs.)	64 33 275

Designation	Description/models	Ref.
Standard lid	For rotating instruments	60 51 739
Flex lid	Ultrasonic instruments, syringes	65 35 855
Basket lid	For solid instruments	61 26 200
NitramOil	200 ml, white for series no. 6 500 – 13 999, 100 000 – 103 999 and 200 000 – 201 999	60 86 628
NitramOil#2	200 ml, blue for series no. 14 000 – 99 999, 104 000 – 199 999 and 202 000 – 999 999	62 59 118
Lid holder	For wall and and table	62 59 109
NitraClean Tablets	for chamber cleaning and use with basket lid 100 pcs.	60 53 842
Indicator holder Standard		60 51 788
Indicator holder Flex		65 42 489
Class 5 chemical indicator	100 pcs.	58 92 059

Large adapter selection
Dentsply Sirona has the largest selection on the market of special adapters for literally every instrument in your practice.

Standard lid

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

Turbine adapter	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
 BienAir UNIFIX adapter	60 51 713
 NSK PTL adapter	60 51 804
 NSK QDJ adapter	60 51 812
 Borden adapter, 2–3 hole	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*

Ultrasonic scaler for ultrasonic handpieces, tips, and multifunctional syringe attachments	Ref.
Adapter for ultrasonic handpieces:	
 Sirona SiroSonic TL /PerioSonic adapter	65 36 135
 Sirona SiroSonic /L adapter	65 36 143
 EMS Piezon handpiece adapter	66 13 538
Adapter for multi-functional syringe nozzles:	
 Sirona Sprayvit nozzle adapter	65 36 150
 Sirona Sprayvit nozzle 4000 adapter	65 36 168
Adapter for ultrasonic tips:	
 Sirona ultrasonic tip adapter: for tips for the following Siro- Son S/C8/L instruments; SiroSonic /L; SiroSonic TL; Perio- Sonic: L, PE, PS, SiroRetro, SiroPrep	65 36 127
 EMS ultrasonic tip adapter	66 10 708
 Satelec ultrasonic tip adapter	66 10 716

* The Flex lid is intended only for reprocessing scaling and periodontology tips.
The Flex lid is not intended for the reprocessing of implant, endo, micropreparation and CEM tips.

DAC Premium – highest standards, easily achieved

DAC Premium und DAC Premium Plus 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. 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. The twin-chamber technology also offers a decisive advantage here because the air is very quickly evacuated from the cavities of the instruments, sterilization packages, and the chamber. With autoclaves of the DAC Premium class, you can quickly and easily begin trace-ability of the instruments used on patients and thereby solidify your quality management.

Safe

- Legal certainty by complying with all relevant standards
- A higher hygiene standard is achieved in the practice
- Documentation possible via printer, CF card, or PC software

Easy

- 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 instrument chambers and cavities
- High sterilization quality
- Short sterilization cycles (e.g. Quick program B in 20 minutes including drying)

Ecological

- Energy-saving mode: automatic reduction of standby temperature
- Pre-selection of the required time to start the autoclave



The DAC Premium with a chamber volume of 18.4 l



DAC Premium Plus has a 23.8-liter chamber

Specifications	DAC Premium	DAC Premium Plus
Ref.	65 26 920 65 36 929 (AUS)	65 26 938 65 36 937 (AUS)
Electrical connection	3,400 W/220–240V 50/60 Hz	3,400 W/220–240V 50/60 Hz
External dimensions (W x H x D)	47× 56.5× 57.5 cm	47× 56.5× 69 cm
Sterilization chamber (Ø× depth)	25× 35 cm	25× 45 cm
Weight (without load)	59 kg	66 kg
Chamber volume	18.4 l	23.8 l
Max. load	6 kg instruments or 2 kg textiles	7 kg instruments or 2.5 kg textiles
Reservoir (dem. water/ dist. water)	Fresh water side: 5 l (approx. 7 cycles); waste water side: 3 l	Fresh water side: 5 l (approx. 7 cycles); waste water side: 3 l

	Operating time (without drying)		Drying time
DAC Premium/ DAC Premium Plus	**Load up to 6 kg[1]/7 kg[2] of unwrapped instruments**	**Load up to 2 kg[2]/2.5 kg[1] of textiles**	
Universal program	21 min	–	12 min
Quick program B*	14 min	–	6 min
Quick program S**	10 min	–	2 min
Gentle program	36 min	39 min[1] / 43 min[2]	12 min
Prion program	38 min	–	12 min

All times depending on load and power and water supply.
* Max 1.5 kg wrapped or 6/7 kg unwrapped ** Unwrapped
1) DAC Premium 2) DAC Premium Plus

Accessory	Ref.
NitraPrint 60	65 43 172
NitraPrint	61 17 324
NitraFlash	61 34 394
SiroDem	58 86 168
NitraDem Direct Connect	62 59 852
Test set for Bowie&Dick test (20 pcs.)	58 92 034
Test set for Helix test	58 92 042

DAC Professional – an investment in quality

No matter what size chamber you choose, DAC Professional class autoclaves are a safe investment. German manufacturing, 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, so no additional sterilization device is required. Operator errors are a thing of the past with the integrated display and market-tested user interface.

Safe

- Legal certainty by complying with all relevant standards
- A higher hygiene standard is achieved in the practice
- Reduced risk of contamination for patients
- Documentation with printer or CF card (using a CF card reader) without additional documentation software

Easy

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

Cost-effective

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



DAC Professional with a chamber volume of 17 l



The DAC Professional Plus has a 22.6-liter chamber

Specifications	DAC Professional	DAC Professional Plus
Ref.	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 × 48.5 × 63 cm	42.5 × 48.5 × 75.5 cm
Sterilization chamber (Ø × depth)	25 x 35 cm	25 x 45 cm
Weight (without load)	45 kg	50 kg
Chamber volume	17 l	22.6 l
Max. load	5 kg instruments or 1.8 kg textiles	
Reservoir (dem. water/ dist. water)	Fresh water side: 5 l (approx. 7 cycles); waste water side: 3 l	

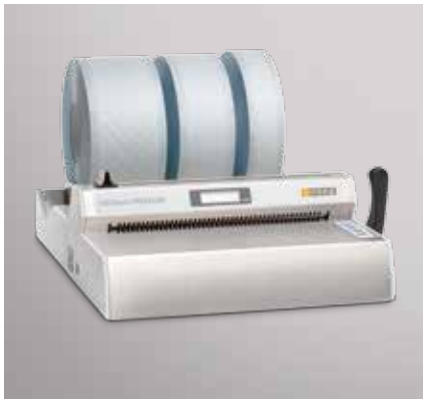
	Operating time (without drying)		Drying time
DAC Professional/ DAC Professional Plus	**Load up to 5 kg of unwrapped instruments**	**Load up to 1.8 kg of textiles**	
Universal program	30 min	–	20 min
Quick program B*	30 min	–	10 min
Quick program S**	15 min	–	5 min
Gentle program	45 min	45 min	20 min
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 6 or 7 kg unwrapped ** unwrapped

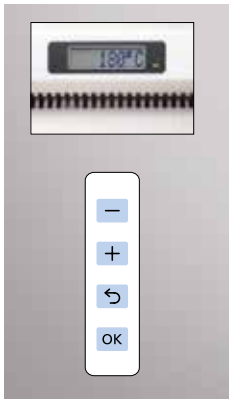
Accessory	Ref.
NitraPrint 60	65 43 172
NitraPrint	61 17 324
NitraFlash	61 34 394
SiroDem	58 86 168
NitraDem Direct Connect	62 59 852
Test set for Bowie&Dick test (20 pcs.)	58 92 034
Test set for Helix test	58 92 042

SiroSeal – seals with the best possible level of safety

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.

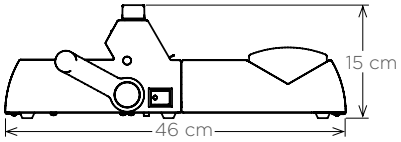


SiroSeal Premium



LCD display and LED status display and 4-button operating concept

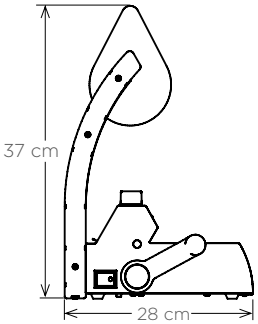
“Standard” roll holder



Ref. 65 28 801

No matter the version you choose, our user-friendly and convenient roll holders make 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.

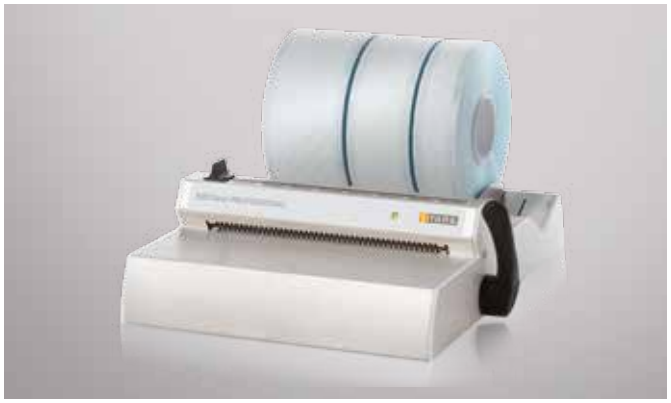
“Comfort” roll holder



Ref. 65 28 819

SiroSeal Professional – safe, proven, and powerful

SiroSeal Professional is a stable, high-performance bar sealing device. It features a visual 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.



Specifications	SiroSeal Premium	SiroSeal Professional
Ref.	65 26 961	65 26 953
Electrical connection	300 W/220–240V 50/60 Hz	300 W/220–240V 50/60 Hz
External dimensions (W x H x D)	41.5 × 15 × 24 cm	41.5 × 15 × 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 seam length	max. 275 mm	max. 275 mm
Seal width	10 mm	10 mm
Interfaces	1 x USB memory stick, 1 x USB PC interface	–

Water treatment from Dentsply Sirona – in just seconds, cost-effective and compliant

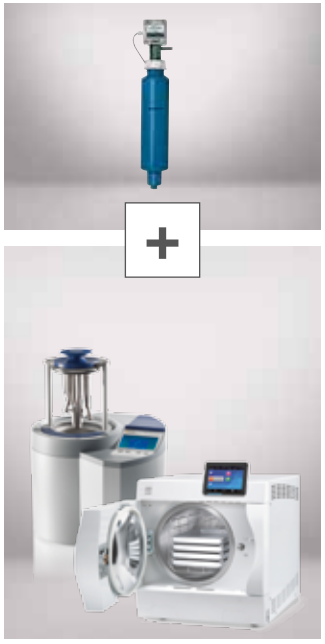
Safe water quality for clean instruments
Optimal water quality is the essential basic prerequisite for efficient hygiene processes. This protects the systems and instruments, thus prolonging their service life and cutting repair costs.

Dentsply Sirona water treatment systems guarantee this optimal water quality. For this reason, they are the perfect companions for DAC Universal, DAC Premium, DAC Professional, and other hygiene systems.

NitraDem Direct Connect solution and filter package for direct connection



SiroDem solution for hose-filling (depressurized)



NitraDem Direct Connect – direct water connection for maximum quality

NitraDem Direct Connect provides high-quality demineralized water directly to the DAC Universal and any other autoclave. It operates as a fully automatic, highly efficient water treatment system and conforms to class 5 of the European DIN-EN 1717 standard, which prevents a direct connection between water system and autoclave. NitraDem Direct Connect constantly monitors water quality. The NitraDem Filter uses the ion-exchange principle and is very easy to change.

Specifications	NitraDem Direct Connect
Electrical connection (V) / (Hz)	~ 100–240 / 50–60
Flow rate (l/h)	45
Water quality (µs/cm)	0.1–12
Dimensions (H x W x D) (cm)	26.5 x 30 x 12
Weight (kg)	6.3
Capacity/10° dH (l)	430
Conductivity test	■
Fixed connection	■
Special feature	DIN EN 1717-compliant for direct connection

Description	Ref.
NitraDem Direct Connect complete set	62 59 852
NitraDem filter	61 98 431
Water pistol	62 59 084

NitraDem Direct Connect



NitraDem filter



SiroDem – fill hoses with purified water at a low cost

SiroDem is a mixed-bed water deionizer which allows for simple and cost-effective production of pure, deionized water. This avoids handling of heavy water bottles. SiroDem can easily be installed as a practical wall unit directly at the workplace and is activated by connecting to a water tap. High water quality is ensured by controlling conductivity in order to protect the instruments against corrosion and spotting.



Specifications	SiroDem
Electrical connection	100V–230V/50–60 Hz
Flow rate (l/h)	50
Water quality (µs/cm)	0.1–20
Dimensions (H x W) (cm)	60 x10
Weight (kg)	~ 3
Capacity/10° dH (l)	400
Conductivity test	■
Fixed connection	–
Special feature	–

Description	Ref.
SiroDem, 220 V	58 86 168
SiroDem, 110 V	59 48 554
Cartridge for SiroDem system	58 92 026

Notes