THE DENTAL SOLUTIONS COMPANY™

Dentsply Sirona

T1, T2 and T3 instrument series

As individual as your own handwriting

dentsplysirona.com





https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ

Turbines – very powerful yet very quiet

Our turbine portfolio offers products for every need. They all have one thing in common: complete operating control at maximum output – and, what's more, they are quieter than ever before.



Every turbine offers:

- Up to 26 watts for high torque
- Optimal view thanks to ideal lighting and small head dimensions: reduced head volume of up to 11%
- Double back-suction stop (protective head system)
- Robust ceramic ball bearings
- Quick-stop function: quick bur run-down time reduced by up to 50% due to a wear-free quick stop
- Unbelievably low noise output as a result of the 4-nozzle spray
- Hygienic: can be sterilized and thermally disinfected
- Dynamic Speed Control (DSC) for smoother operation at lower rotational speed
- Integrated water filter

Every single pr
excellent qua



Small head dimensions

The small head dimensions of the Dentsply Sirona instruments ensure ergonomic comfort and precise results while guaranteeing an optimum view at all times. The head of the mini turbine has a diameter of only 9.7 mm at 21 W power.



Dynamic Speed Control (DSC)

The DSC ensures that the idling speed of a dental turbine is limited without reducing its power.



Long service life guaranteed

All Dentsply Sirona instruments stand for a long service life with a warranty of at least 12 months.

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T1 turbines – perfection that fits in your hand

Premium 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 power, provide optimum control at all times and are extremely quiet when working.



T1 turbines offer these benefits:

- Ergonomic lightweight titanium sleeves: 22% lighter than before
- DLC coated ceramic ball bearings*
- Dynamic Speed Control (DSC) for smoother operation and less tearing
- Economical replacement of the rotor cartridge by the user
- Reduction of head volume at steady or even increased power.

T2 turbines – quality you can rely on

You can rely on our T2 class turbines for any situation. The continuous high performance, the ergonomic shape together with a surface finish for strong grip, these turbines made of stainless steel are guaranteed to satisfy.





Low noise level: T2 turbines with 4-nozzle spray

T2 turbines offer these benefits:

- High robustness due to sleeves made of stainless steel and surface finish for strong grip
- Robust ceramic ball bearings
- Dynamic Speed Control (DSC) for smoother operation and less tearing
- Suitable for all common quick-coupling versions (Click & Go)
- Economical replacement of the rotor cartridge by the user

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

T3 turbines – quick coupling

The turbines of the T3 class are made of stainless steel, are easy to clean and have a good grip due to a surface finish. Up to 26 watts of power and ceramic ball bearings ensure efficient working in the long run. In other words: lasting efficiency.



T3 mini: With the extra small mini head options you receive 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: 9.7 mm) to torque ratio.

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

The T3 turbines also offer:

- A low-vibration clamping system
- Integrated water filter

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 mini: With the extra small mini head options you have 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.

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.

The T3 turbines (fixed connection) also offer:

- Your choice of midwest 4-hole and Borden 2/3-hole
- A low-vibration clamping system



T1, T2 and T3 instrument series – your requirements, your choice



Reliability is a priority.

"I only consider instruments with top-class features and excellent workmanship."

T1 Line instrument series –
Stay flexible with ease.

T1 turbine instrument series –
Perfection that fits in your hand.



Quality counts.

"Instruments with a high degree of functionality and ideal ergonomics are the only right choice for me."

T2 Line/T2 S-Line instrument series –
The comfortable solution.

T2 turbine instrument series –
Quality you can rely on.

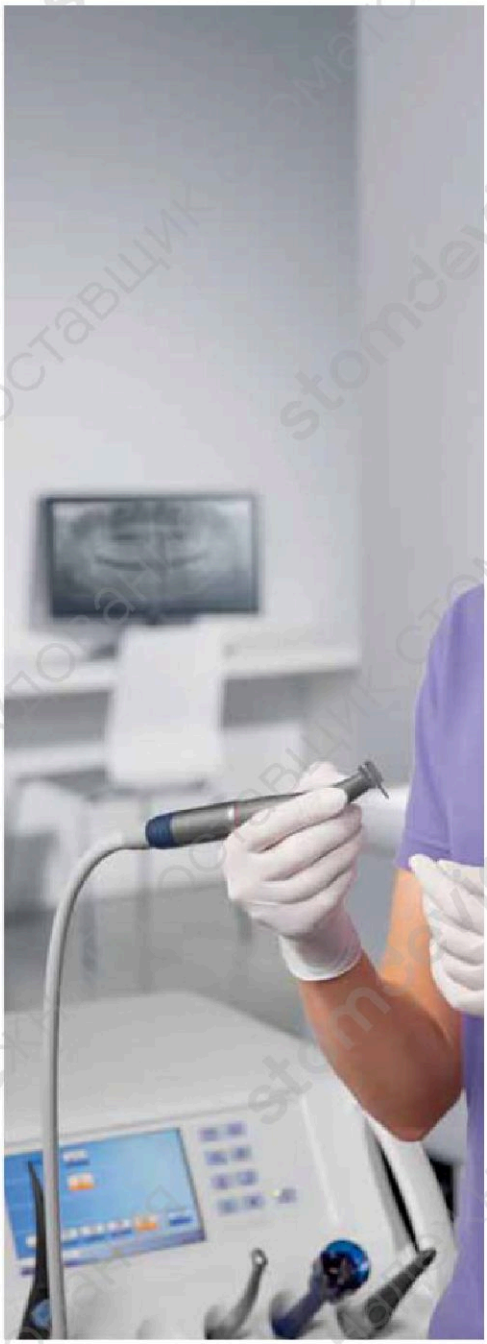


Benefit from proven products.

"I will only consider instruments which offer good value for money."

T3 Line/T3 S-Line instrument series –
Continued cost-effectiveness.

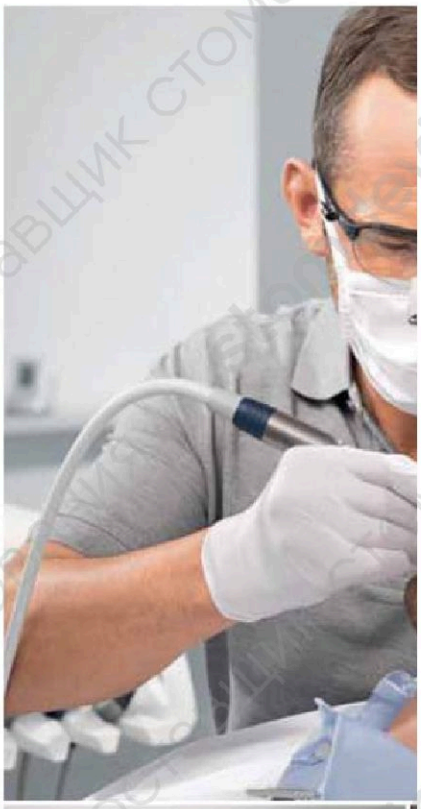
T3 turbine instrument series –
Quick coupling/fixed connection.

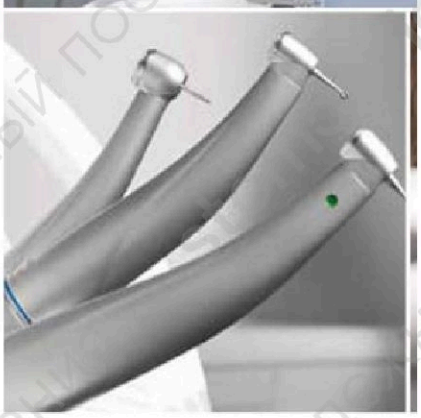


Straight and contra-angle handpieces – unique in every class

Whether you work with a high-speed handpiece or a low-speed instrument, you can be rest assured of top-class results for all indications.







Every straight and contra-angle handpiece offers:

- Perfect hygiene – they can be sterilized and thermally disinfected
- Optimal spray system
- Unbelievably low noise output thanks to the 4-nozzle spray
- Optimal view as a result of small head dimensions
- Ergonomic lightweight titanium sleeves

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T1 Line – stay flexible with ease

The high-quality straight and contra-angle handpiece series T1 Line excels due to its ergonomic design. It 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 center you are using.

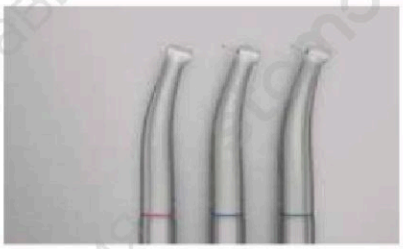


The T1 Line offers you these benefits:

- 3-year warranty
- Longer service life thanks to DLC (Diamond like Carbon) coated ball bearings
- Optimal illumination for an excellent view
- A universal ISO interface
- Adaptability to motors with light thanks to the ISO Slider®

T3 Line – continued

The straight and contra-angle
with their extremely robust tita
an investment that will provide



The T3 Line also offers:

- Universal ISO interface

T2 Line – the comfortable solution

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



Take advantage of the many convenient features:

- 2-year warranty
- Optimal illumination for an excellent view
- A universal ISO interface
- Adaptability to motors with light thanks to the ISO Slider®



T2 S-Line:

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



Comparison T2 Line and T2 S-Line: 11.7% shorter

The right contra-angle handpiece for every task

The premium class is Dentsply Sirona's comprehensive range of special contra-angle handpieces. This way, you are guaranteed to find the right solution for every task.



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 flexibility of the file adjustment, the EVA contra-angle handpiece is especially good for polishing, removing composite residues and smoothing root surfaces.



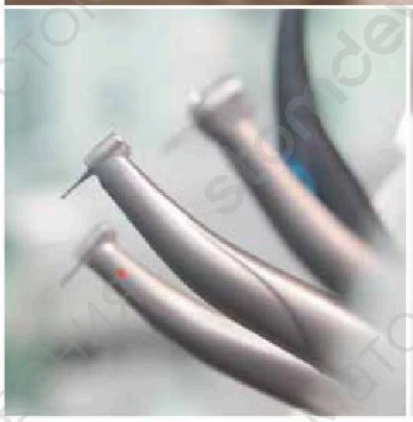
Endo L for endodontics

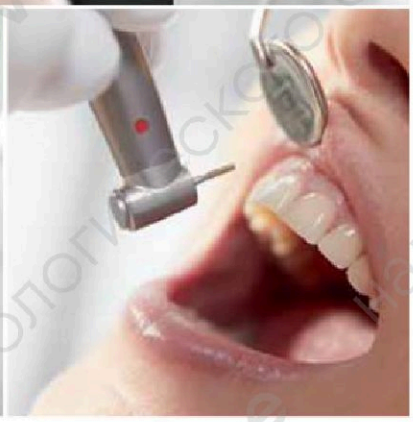
The 2-in-1 root canal preparation principle is based on offering a single contra-angle handpiece that enables efficient use of hand files and mechanically operated steel files.











Want to eliminate inf
Then activate [

Comply with infection control stanc
avoid cross-contamination: Be on t
Patients and staff can rely on this all-rou
trust in treatment with reprocessed, ar

Easy handling

- New design
- Touch display with intuitive user interface
- Guided maintenance workflow Check & Clean

Fully automatic reprocessing

- Six instruments in approx. 15 minutes
- Internal and external cleaning, lubrication (if needed) and disinfection* of straight and contra-angle handpieces, turbines, ultrasonic handpieces and tips, nozzles of multifunctional syringes and powder jet devices as well as powder jet handpieces
- Process safety through automatic program selection
- LAN interface for electronical documentation

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Overview of technical da

T1 Line

Types		Gear ratio/ reduction	Speeds	Head (mm)
T1 Line C 200 L		1:5	Up to approx. 200,000	Appro
T1 Line C 40 L		1:1	Up to approx. 40,000	Appro
T1 Line C 6 L		6:1	Up to approx. 6,000	Appro
T1 Line C 1:6 L		24:1	Up to approx. 1,600	Appro
T1 Line H 40 L		1:1	Up to approx. 40,000	-

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

T1 turbines

Types	Power (W)	Head diameter (mm)	Head he (mm)
T1 Control	Up to 22	Approx. 11.9	Approx.
T1 Boost	Up to 26	Approx. 11.4	Approx.
T1 mini	Up to 21	Approx. 9.7	Approx.

Types/Ref.	Dentsply Sirona connection	KaVo connection
T1 Control	66 89 348	66 89 363
T1 Boost	66 89 389	66 89 405
T1 mini	66 89 421	66 89 462

Dentsply Sirona quick coupling/Ref.	R, with return airflo
4-hole standard interface with light spray control and back suction stop	18 94 588

Special contra-angle handpieces

Types	Gear ratio/ reduction	Speeds/cycles	Features
Prophy	2.4:1	Up to approx. 5,000	Snap-on &
EVA 0.4 L	-	Stroke 0.4 mm	-
EVA 1.1 L	-	Stroke 1.1 mm	-
Endo L	-	Motion ± 30°	Shank dia. 3 Adapter dia
Endo 6 L	6:1	Up to approx. 6,000	Dia. 2.35 W

Overview of technical data

T2 Line

Types		Gear ratio/ reduction	Speeds	Head diameter (mm)	Head height (mm)	Features	Indication	Ref.
T2 Line A 200 L		1:5	Up to approx. 200,000	Approx. 8.7	Approx. 14.6	Dia. 1.6 FG	Cavity and crown preparation	63 76 177
T2 Line A 40 L		1:1	Up to approx. 40,000	Approx. 8.7	Approx. 12.4	Dia. 2.35 WB	Finishing	63 76 185
T2 Line A 6 L		6:1	Up to approx. 6,000	Approx. 8.7	Approx. 12.4	Dia. 2.35 WB	Excavating	63 76 193
T2 Line AH 40 L		1:1	Up to approx. 40,000	-	-	Dia. 2.35 HP/ WB	Preparation	63 76 201

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

T2 S-Line

Types		Gear ratio/ reduction	Speeds	Head diameter (mm)	Head height (mm)	Features	Indication	Ref.
T2 S-Line AS 200 L		1:5	Up to approx. 200,000	Approx. 8.7	Approx. 14.6	Dia. 1.6 FG	Cavity and crown preparation	65 76 065
T2 S-Line AS 40 L		1:1	Up to approx. 40,000	Approx. 8.7	Approx. 12.4	Dia. 2.35 WB	Finishing	65 76 073
T2 S-Line AS 6 L		6:1	Up to approx. 6,000	Approx. 8.7	Approx. 12.4	Dia. 2.35 WB	Excavating	65 76 081

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

T2 turbines

Types	Power (W)	Head diameter (mm)	Head height (mm)	Weight (g)	Idling speed (rpm)	Indication
T2 Control	Up to 22	Approx. 11.9	Approx. 13.0	Approx. 54	Approx. 250,000	Cavity preparation
T2 Boost	Up to 26	Approx. 11.4	Approx. 12.7	Approx. 54	Approx. 370,000	Cavity preparation
T2 mini	Up to 21	Approx. 9.7	Approx. 12.7	Approx. 53	Approx. 410,000	Cavity preparation

Types/ref.	Dentsply Sirona connection	KaVo connection	W&H connection	NSK connection
T2 Control	66 89 520	66 89 546	66 89 561	66 89 603
T2 Boost	66 89 629	66 89 637	66 89 652	66 89 678
T2 mini	66 89 702	66 89 744	66 89 769	66 89 785

Dentsply Sirona quick coupling/ref.	R, with return airflow	R (LED), with return airflow	F, without return airflow
4-hole standard interface with light, spray control and back suction stop	18 94 588	63 19 706	41 74 467

T3 Line

Types		Gear ratio/ reduction	Speeds	Head diameter (mm)
T3 Line E 200		1:5	Up to approx. 200,000	Approx
T3 Line E 40		1:1	Up to approx. 40,000	Approx
T3 Line E 6		6:1	Up to approx. 6,000	Approx
T3 Line EH 40		1:1	Up to approx. 40,000	-

T3 Line: Contra-angle handpiece, red 1:5 with 4-nozzle spray, contra-angle h

T3 S-Line

Types		Gear ratio/ reduction	Speeds	Head diameter (mm)
T3 S-Line ES 200		1:5	Up to approx. 200,000	Approx
T3 S-Line ES 40		1:1	Up to approx. 40,000	Approx
T3 S-Line ES 6		6:1	Up to approx. 6,000	Approx

T3 S-Line: Contra-angle handpiece, red 1:5 with 4-nozzle spray, contra-angl

T3 turbines – quick coupling

Types	Power (W)	Head diameter (mm)	Head height (mm)
T3 Boost	Up to 26	Approx. 11.4	Approx. 13.0
T3 mini	Up to 21	Approx. 9.7	Approx. 12.7

Types/ref.	Dentsply Sirona connection	KaVo connection
T3 Boost	66 89 801	66 89 827
T3 mini	66 89 843	66 89 868

Dentsply Sirona quick coupling/Ref.
4-hole standard interface with light, spray control and back suction stop

T3 turbines – fix connection

Types	Power (W)	Head diameter (mm)	Head height (mm)	Weig (g)
T3 Racer Midwest	Up to 30	Approx. 11.9	Approx. 13.0	Appro
T3 Racer Borden	Up to 30	Approx. 11.9	Approx. 13.0	Appro
T3 mini Midwest	Up to 24	Approx. 10.2	Approx. 12.7	Appro
T3 mini Borden	Up to 24	Approx. 10.2	Approx. 12.7	Appro

Subject to technical changes and errors in the text. Order No. A91000-M45-C196-01-7600. Printed in Germany. Dispo No. 04601. OEW19 WS 0319 VO

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