



Handpieces

**Ready for takeoff!
The high-speed
handpiece family
T1, T2, T3**



The Dental Company

sirona.

> SIRONA offers outstanding performance in the economy class. That means top quality even for dentists with limited budgets. <

Brenda Thompson (32), dentist



Top performance in all classes!

The SIRONA high-speed handpieces family.

More choice! SIRONA proudly announces the arrival of its high-speed handpiece family. Capitalizing on its strong record of innovation, SIRONA has created three distinct product classes: Premium, Comfort and Economy. The outstanding high-tech features of the existing T1 range – sleek design, durability, Protective Head System (PHS) with dual anti-retraction feature, high torque – provided the ideal basis on which to build a diverse and differentiated product family.

T1 – the Premium Class
Supreme operation with T1 CONTROL/mini. High tech made by SIRONA: top quality, perfect design, light titanium casing, first-class handling.

T2 – the Comfort Class
Sophisticated operation with T2 CONTROL/Racer/mini. Outstanding quality, titanium-plated casing, sophisticated design, relaxed handling.

T3 – the Economy Class
Efficient operation with T3 Racer/mini. Without illumination, robust, indestructible, chrome-plated finish, functional design, convincing quality at a competitive price.

No coincidence! You can rightly expect a little bit more from the world's only all-round supplier of dental equipment – for example, more flexibility, more quality and more service. With its extended handpiece family SIRONA now offers optimum solutions for every conceivable application and practice concept.

Family values!

In terms of quality, hygiene characteristics, design features and ergonomics, the new T2 and T3 models actually match the top-of-the range T1 handpieces. SIRONA's family values display themselves in other ways as well. As you'd expect from an all-round supplier of dental equipment, our customers can count on efficient, personal service wherever they may be in the world.



Rapid changeovers

With the exclusive Click&Go interfaces the SIRONA high-speed handpieces are compatible with all the popular types of coupling. This allows you to swap handpieces in seconds – at no extra cost.

Supreme operation. T1 – the Premium Class.



Spot on! 25,000 lux for optimum illumination.



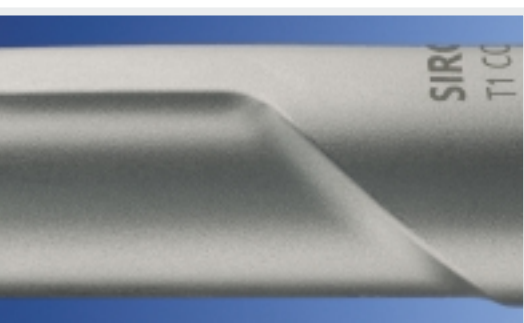
Hygienic! Protective Head System (PHS) with dual anti-retraction feature. Plus exchangeable spray ring*.

The T1 Premium Class – your passport to job satisfaction.

Logical! The ultralight material (solid titanium), the smooth ergonomic lines and the outstanding workmanship (as evidenced in the 2-year guarantee on the T1 CONTROL) enhance the style and exclusivity of your dental practice.

Get to grips! Dentists all over the globe have voiced their endorsement of the unique light titanium construction of the T1 handpieces. The benefits are clear: low weight, superplastic design concept (SPF) and almost unbelievable ease of use. What's more, the T1 handpieces are warm to the touch and kind to the skin. The T1 CONTROL boasts a fully automatic speed control system that prevents thermal damage to the tooth. Other users emphasize the excellent value for money offered by the T1 family – with no compromises in terms of performance.

The right choice! Leading-edge technology combined with high torque and optimum illumination – these product features ensure absolute precision and the best possible preparation results.



T1

First class!

- Top-quality titanium casing
- Ergonomic design moulded to the shape of the hand
- Smooth, easy-to-grip contours
- Optimum hygiene
- Impressive torque
- Excellent illumination
- Quiet
- Weighs less than 50 g
- High-tech ceramic bearings
- Click&Go function

There is no other Turbine like the SIRONA T1.

*Available as from 01.01.2001

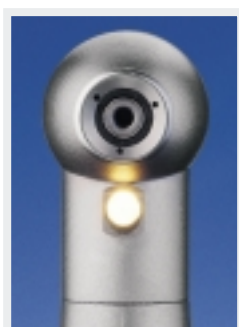
Smooth contours! Attractive to look at – and so easy to work with.

Unique! Titanium construction reduces weight to a minimum.



Total control! T1 CONTROL – the first-ever handpiece with speed control.

Click&Go! For quick handpiece changeovers.

Quiet please! Low noise levels – for enhanced well-being of doctors and patients.



Supreme operation. The proof.

Technical data		
	T1 CONTROL	T1 mini
Idling speed [min-1]	approx. 250,000	approx. 420,000
Head diameter [mm]	12.4	10.6
Head height [mm]	15.7	13.2
Power [W]	17	14
Light intensity [lux]	approx. 25,000	approx. 25,000
Weight [g]	approx. 49	approx. 46
Recommended burr size [ISO]	314/315	313
Driving air pressure [bar]	2.7	2.7

Sophisticated operation. T2 – the Comfort Class.



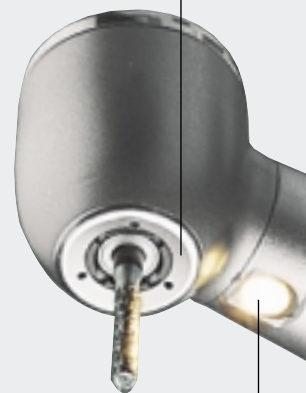
Job satisfaction guaranteed – with the new T2 handpieces.

Outstanding! The new T2 Comfort Class offers leading-edge technology – and outstanding SIRONA product quality – at a surprisingly competitive price. Choose from three models: the tried-and-tested “CONTROL”, the high-performance “Racer”, or the compact “mini”. Regardless of which model you opt for, you’ll be able to work flexibly and with maximum convenience.

The feel-good factor! The titanium-plated casing of the T2 mirrors the highly successful ergonomic philosophy of the T1 handpiece range. The lightweight material and non-slip surface are pleasant to the touch – and foster a relaxed and effective working style.

The right choice! Leading-edge technology combined with top quality standards – these product features ensure absolute precision and the best possible preparation results.

Hygienic! Protective Head System (PHS) with dual anti-retraction feature. Plus exchangeable spray ring*.



Let there be light!
25,000 lux for “light” work.



T2

Comfort and sophistication!

- Titanium-plated casing
- Ergonomic design moulded to the shape of the hand
- Smooth, easy-to-grip contours
- Optimum hygiene
- Optimum working speed
- Comfortable noise levels

- High-tech ceramic bearings
- Outstanding versatility
- Click&Go function

The SIRONA T2 stands up to any comparison.

Legendary! A unique combination of aesthetics and ergonomics.




Quality inside and out!
Ceramic bearings and titanium-plated casing.

Click&Go! For quick handpiece changeovers.

Quiet please! Low noise levels – for enhanced well-being of doctors and patients.



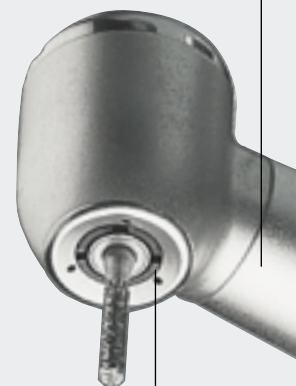
Sophisticated operation. The choice is yours.

			
Technical data	T2 CONTROL	T2 Racer	T2 mini
Idling speed [min-1]	approx. 250,000	approx. 400,000	approx. 420,000
Head diameter [mm]	12.4	11.4	10.2
Head height [mm]	15.5	14.8	13.9
Power [W]	17	17	14
Light intensity [lux]	approx. 25,000	approx. 25,000	approx. 25,000
Weight [g]	54.9	approx. 54	52.9
Recommended burr size [ISO]	314/315	314/315	313
Driving air pressure [bar]	2.7	2.7	2.7

Efficient operation. T3 – the Economy Class.



No light! What some dentists want.



Safe! Protective Head System (PHS) with dual anti-retraction protection. Plus exchangeable spray ring.

The new T3 Economy Class – delivers all the essentials.

Sensational! The T3 Economy Class offers proven technology at a very competitive price. These handpieces incorporate all the know-how and experience of one of the world's leading dental equipment suppliers. Robust and indestructible, the T3 Racer and T3 mini are your passport to cost-effective working.

What you've been waiting for!

A "non-illuminated" high-speed handpiece with guaranteed SIRONA quality. With the chrome-plated T3 Racer and T3 mini, SIRONA now offers highly convincing alternatives for all doctors.

Ergonomic! The continuation of the ergonomic concept pioneered by the T1 handpieces. This concept is geared to maximum precision and easy handling – and optimum preparation results.

T3

Effective and practical

- Chrome-plated casing
- Ergonomic design moulded to the shape of the hand
- Smooth, easy-to-grip contours
- Easy-to-clean surface
- Top quality at an affordable price

- Durable steel bearings
- Click&Go function

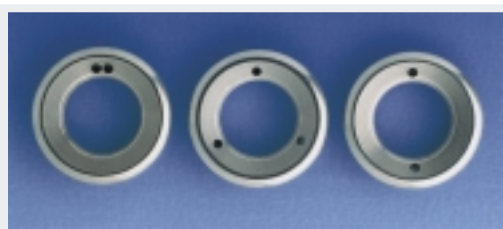
The SIRONA T3 has everything in its favour.

Dynamic design! Proven T1 ergonomic features, with a chrome-plated finish.



Click&Go! For quick handpiece changeovers.

**CLICK
& GO**

Quality you can rely on! Setting new standards of quality and value.



Efficient operation. Numbers and facts.

Technical data		
	T3 Racer	T3 mini
Idling speed [min-1]	approx. 400,000	approx. 420,000
Head diameter [mm]	11.4	10.2
Head height [mm]	14.8	13.9
Power [W]	17	14
Light intensity [lux]	–	–
Weight [g]	approx. 53	approx. 52
Recommended burr size [ISO]	314/315	313
Driving air pressure [bar]	2.7	2.7



Premium, Comfort or Economy Class. SIRONA high-speed handpieces – a decisive step towards the future.



Always well prepared! No matter which "class" you choose, you can count on SIRONA to provide consistently high quality. The sophisticated technology pioneered by the T1 handpieces can be found in not just the T2 series but also the T3 Economy class. In all cases you benefit from SIRONA's unrivalled know-how in the area of dental handpieces.

One thing is clear! The SIRONA handpiece family combines outstanding functionality with clear, aesthetic design features. What's more, each of the three

product categories offer outstanding value for money. This enhances your peace of mind – in both medical and economic terms.

Hygiene comes first! In the design of its products SIRONA accords absolute priority to hygiene. The SIRONA handpiece family is a great example of this.

Freedom of choice! Dentists prefer products that are compatible with their existing practice concepts. Products which offer choice and diversity without any compromises in terms of quality. Thanks to the Click&Go interface,

changing over to the SIRONA handpiece family is easy and practical.

Everything from a single source! Long-standing SIRONA customers can remain loyal to their preferred dental equipment brand. They're no longer forced to resort to competing handpieces. New users will find it even easier to decide in favour of SIRONA – especially with smaller budgets. This is consistent with the SIRONA philosophy of creating value and maintaining value.








Service at SIRONA – always first class.



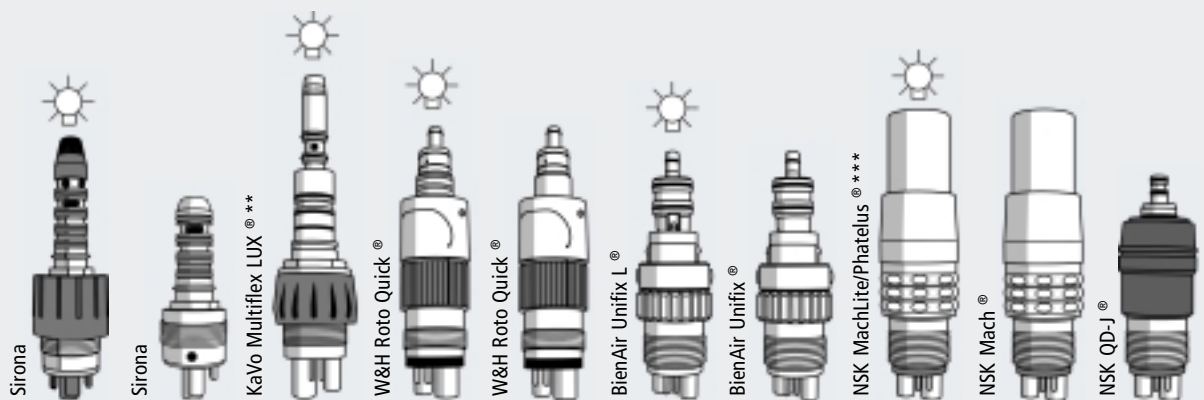
For your peace of mind:
the SIRONA service package

More service! SIRONA has taken a clear decision – in favour of the customer. SIRONA provides all-round product support, irrespective of price category. Our service spectrum extends from individual repairs to a quick and uncomplicated on-site exchange system. All this culminates in a “satisfaction guarantee” – the basis for long-term customer relationships.

The benefits! You can count on our assistance whenever you need it. This minimizes delays and downtimes in the event of repairs. What’s more, our ongoing product support is free of charge. Yet another reason to decide in favour of SIRONA. Creating value – and maintaining value.

Criterion	T1 – Premium Class		T2 – Comfort Class			T3 – Economy Class	
	T1 CONTROL	T1 mini	T2 CONTROL	T2 Racer	T2 mini	T3 Racer	T3 mini
							
Idling speed [min-1]	approx. 250,000	approx. 420,000	approx. 250,000	approx. 400,000	approx. 420,000	approx. 400,000	approx. 420,000
Head diameter [mm]	12.4	10.6	12.4	11.4	10.2	11.4	10.2
Head height [mm]	15.7	13.2	15.5	14.8	13.9	14.8	13.9
Power [W]	17 W	14 W	17 W	17 W	14 W	17 W	14 W
Light intensity [lux]	approx. 25,000	approx. 25,000	approx. 25,000	approx. 25,000	approx. 25,000	–	–
Driving air pressure [bar]	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Titanium	■	■	(■)	(■)	(■)	–	–
Ceramic bearings	■	■	■	■	■	–	–
PHS with dual anti-retraction system	■	■	■	■	■	■	■
Speed control	■	–	■	–	–	–	–
Exchangeable spray ring*	■ *	■ *	■	■	■	■	■
Click&Go	■	■	■	■	■	■	■
Warranty [years]	2	1	2	1	1	1	1

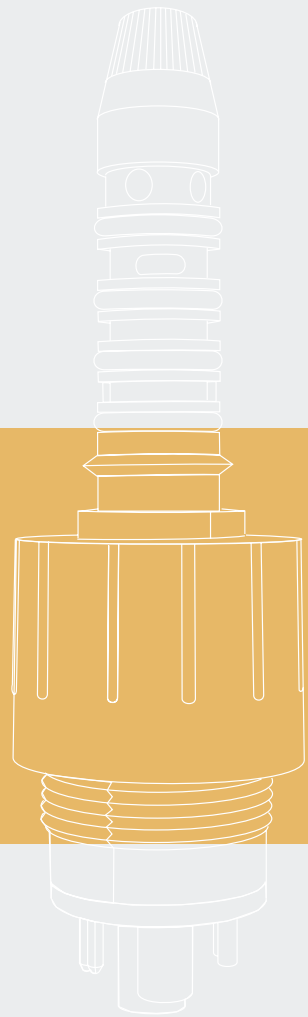
Sirona handpieces are available with Click&Go for:



* Available as from 1 January 2001 **T3 not available for KaVo coupling ***T1 not available for NSK coupling

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BienAir Unifix L®, BienAir Unifix® = registered trademark of the BienAir company; NSK MachLite/Phatelus®, NSK Mach®, NSK QD-J® = registered trademark of the NSK company



> I get the message. The SIRONA high-speed handpieces give me the power to put my ideas into practice. They are my passport to a successful, long-term future ... <

Sirona – creating value, maintaining value.

Treatment centres
Handpieces
Hygiene systems
X-ray systems
CEREC

Logical! You can rightly expect a little bit more from the world's only all-round supplier of dental equipment – for example, an extensive product range, first class service, outstanding quality. Sirona covers the entire dental equipment spectrum: treatment units, handpieces, X-ray systems, hygiene systems, imaging systems and – last but not least – CEREC ceramic restoration systems. Built to last, these products will accompany you throughout your professional career.

Your dental equipment dealer:



Treatment centres



Patient communication



X-ray systems



CEREC



Handpieces



Hygiene systems

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