



CAD/CAM SYSTEMS | **INSTRUMENTS** | HYGIENE SYSTEMS | TREATMENT CENTERS | IMAGING SYSTEMS

**T1, T2, T3 – HIGH-SPEED HANDPIECES TO SUIT EACH INDIVIDUAL DEMAND**

**Just one click gives you more class.**

The Dental Company

**sirona.**

T1, T2, T3 – TOPS IN ALL CLASSES!

## The individual high-speed handpiece family from Sirona.

You can always expect something extra from the world's only full-range supplier of value-added dental technology. For example: More individuality. More quality. More service. Therefore Sirona has once again expanded its instrument product line to achieve an optimal product range and depth for each individual practice concept.

### Simply more bite!

With the extension of its high-speed handpiece family Sirona is now optimally represented in the "instruments" segment as well. Due to its innovative strength and the creation of the Premium, Comfort and Economy product classes, Sirona has achieved a "quick take-off" into the future. Because Sirona has simply transferred the high-tech experience gained from the T1 class – i.e. regarding design, long service life, and the Protective Head System (PHS) with dual anti-retraction stop or high traction – to its new, expanded and even more sophisticated product line.

### Made with class!

The products of the new individual high-speed handpiece family in the new T2 and T3 classes are in no way inferior to those in our top product class regarding their quality, hygienic properties, design or ergonomics. Apropos family: As one would only expect from a full-range supplier of dental technology, the Sirona family can of course rely on a worldwide, nonbureaucratic and very personal Service organization.

### T1 – the Premium class.

T1 CONTROL/mini – your choice for first-class work. High tech made by Sirona: Top quality, perfect design, solid titanium sleeve, first-class handling.

### T2 – the Comfort class.

T2 CONTROL/Racer/mini – your choice for working comfort. Top quality, titanium coated sleeve, high-quality design, relaxed work.

### T3 – the Economy class.

T3 Racer/mini – your choice for efficient work. Without light, robust and resilient, chrome-plated surfaces, functional design, good quality for a small price.



T1 – THE PREMIUM CLASS

Your choice for first-class work.

You'll really enjoy your work – with the T1 Premium class: The precious, ultra-light material (solid titanium), shapely, ergonomic design and exacting quality standards in processing (2-year "all-around satisfaction guarantee" for the T1 CONTROL), offer that something extra in style, class and exclusiveness to any practice. Top technical quality with maximum quality standards, i.e. optimal traction or high light quality, ensure maximum accuracy and the best possible preparation results.



**Hear, hear!**  
Clearly audible reduction of the noise level. To increase one's sense of well-being.

**Everything under control!**  
T1 CONTROL – the only speed-controlled high-speed handpiece.

**Full of verve!**  
Shapely, handy design. State-of-the-art ergonomics.

**Unique!**  
Solid titanium is the key: Light weight for ease of preparation.

**Spotlight on!**  
25,000 lux shed light on it: For precision work.

**Clean!**  
Protective Head System (PHS) with dual anti-retraction stop. Plus replaceable three-nozzle spray ring.

**Click&Go!**  
The fast change to Sirona is preprogrammed.

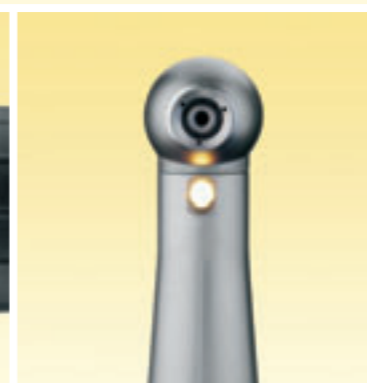
**A solid grasp!**

Dentists often use expressions much like this one to convey their enthusiasm for the solid titanium sleeve. Is it the light weight, the enormously sophisticated production process with superplastic forming (SPF), the unique user convenience or the special temperature neutrality and skin kindness of the material that both amaze and enthuse everyone? Or is it indeed T1 CONTROL – the fully automatic speed control of the high-speed handpiece that prevents thermal damage to the tooth? It doesn't really matter according to others: The main thing is the price-performance ratio. That's right – and equipped as well possible of course.

**T1 – First-class!**

- High-quality solid titanium sleeve
- Design ergonomically adapted to the hand
- Sure-grip shape without corners and edges
- Optimal hygienic prerequisites
- Impressive traction
- Outstanding illumination
- Pleasant sound level
- Minimum weight
- Use of high-quality ceramic ball bearings
- Click&Go function

The T1 from Sirona is and remains incomparable!



Technical data	T1 CONTROL	T1 mini
Non-load speed (rpm)	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/illumination (lux)	approx. 25,000	approx. 25,000
Wt. of high-speed handpiece (g)	approx. 54	approx. 53
Recommended diamond size (ISO)	314/315	313
Driving air pressure (bar)	2.7	2.7

T2 – THE COMFORT CLASS

## Your choice for working comfort.

You'll enjoy working with the new T2 Comfort class: With the introduction of the T2 Comfort class, an amazing development has occurred in the price-performance ratio of high technology. With the usual perfected, high-end Sirona quality of course. The ample supply of instruments in this class (T2 CONTROL/T2 Racer/T2 mini) leaves nothing to be desired by dentists. Whether you choose the time-tested CONTROL, the powerful Racer, or the small-headed mini, all instruments in the Comfort class enable you to work flexibly, comprehensively and comfortably.



**A good feeling!**

The titanium surface of the T2 high-speed handpiece sleeve is a continuation of the time-tested T1 ergonomics concept. The lightweight material and the non-slip surfaces help the dentist work with speed, comfort and precision, while conveying a pleasant feeling.

**Exactly right!**

Top technical quality and the highest standards promote maximum accuracy and optimal preparation results.

**T2 – Totally comfortable!**

- Titanium-coated sleeve
- Design ergonomically adapted to the hand
- Sure-grip shape without corners and edges
- Optimal hygienic prerequisites
- Optimal working speed
- Pleasant sound level
- Use of high-quality ceramic ball bearings
- Product class with greatest variety
- Click&Go function

The T2 from Sirona can be compared favorably to any other instrument!



Technical data	T2 CONTROL	T2 Racer	T2 mini
Non-load speed (rpm)	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/illuminance (lux)	approx. 25,000	approx. 25,000	approx. 25,000
Wt. of high-speed handpiece (g)	approx. 57	approx. 57	approx. 55
Recommended burr size (ISO)	314/315	314/315	313
Driving air pressure (bar)	2.7	2.7	2.7

## Your choice for efficient work.

Reduced to the essentials – the new T3 Economy class: With the development of the T3 Economy class, Sirona now offers perfected high-speed handpiece technology at a surprisingly favourable price. Including the technical know-how and experience of this top provider, of course. The exceptionally robust and resilient products of the Economy class will enable you to work excellently, and above all, extremely economically.

The continuation of the T1 ergonomics concept, top technical quality and the usual quality standard: This Sirona concept promotes maximum accuracy, easy handling, and finally, optimal preparation results.



### Here it is!

The chrome-plated Sirona T3 ergonomics concept. "High-speed handpieces without light" are now also available with guaranteed Sirona quality. With the T3 Racer and T3 mini, Sirona is now also offering high-speed handpieces in a chrome-plated version.

### T3 – Totally efficient!

- Chrome-plated sleeve
- Design ergonomically adapted to the hand
- Sure-grip shape without corners and edges
- Easy-to-clean surfaces
- Quality for a low budget
- Use of robust steel ball bearings
- Click&Go function

The T3 from Sirona speaks for itself!



Technical data	T3 Racer	T3 mini
Non-load speed (rpm)	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/illuminance (lux)	–	–
Wt. of high-speed handpiece (g)	approx. 53	approx. 52
Recommended burr size (ISO)	314/315	313
Driving air pressure (bar)	2.7	2.7

## CONTROL HIGH-SPEED HANDPIECES

# With optimal power for constantly optimal performance.

### The power lies in the constancy!

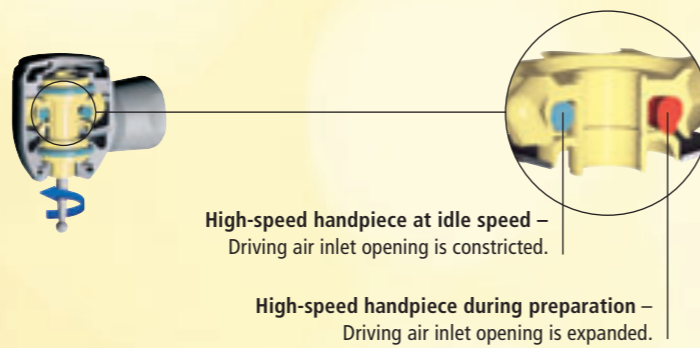
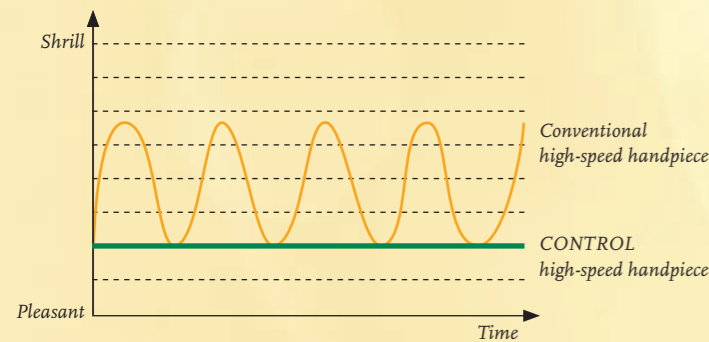
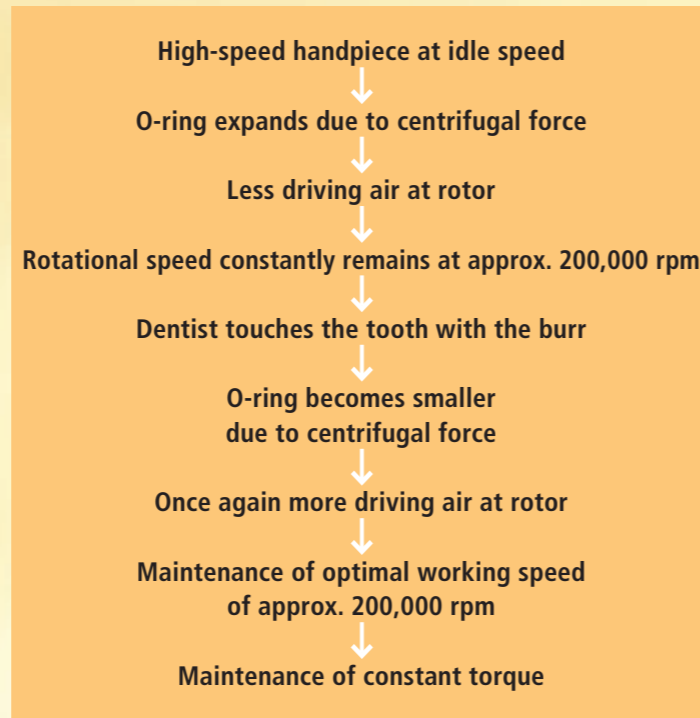
Less is more! Preparation at a constant power level is achieved by T1 CONTROL and T2 CONTROL based on their unique traction. With a constantly high torque of approx. 200,000 rpm, Sirona disproves the erroneous belief that the power of a high-speed handpiece is based on its rotational speed. The resulting fast milling speed – without stopping to pick up speed again – saves valuable treatment hours.

### CONTROL function made by Sirona

The secret of the controlled speed lies in a small blue O-ring that functions as follows:

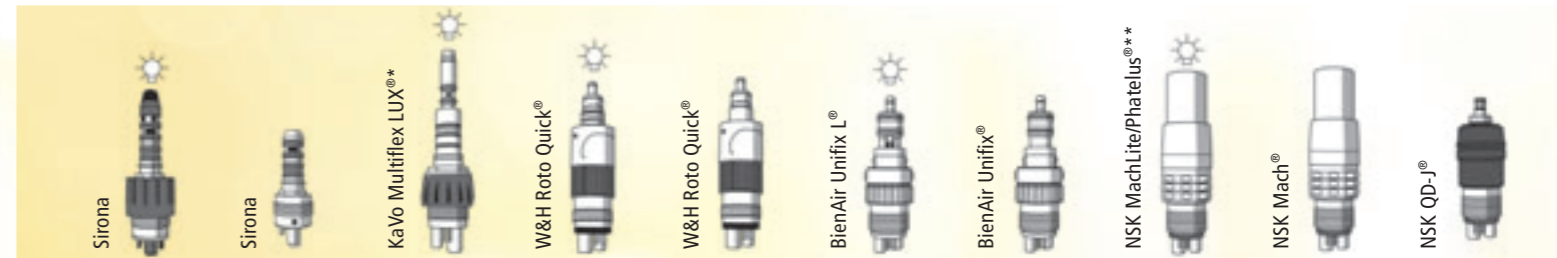
### T1/T2 CONTROL

- Pleasant tone
- No vibration
- No thermal damage



Assessment criteria	T1, the Premium class		T2, the Comfort class			T3, the Economy class	
	T1 CONTROL	T1 mini	T2 CONTROL	T2 Racer	T2 mini	T3 Racer	T3 mini
Non-load speed rpm	250,000 +20 %	420,000 ±10 %	250,000 +20 %	400,000 ±10 %	420,000 ±10 %	400,000 ±10 %	420,000 ±10 %
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	14	17	17	14	17	14
Light/illuminance (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 ball bearings	■	■	■	■	■	-	-
PHS with dual anti-retraction valve	■	■	■	■	■	■	■
Speed control	■	-	■	-	-	-	-
Exchangeable spray ring	■	■	■	■	■	■	■
Click&Go	■	■	■	■	■	■	■
Warranty (years)	2 year TOTAL warranty**	1	2 year TOTAL warranty**	1	1	1	1

Sirona high-speed handpieces are available with Click&Go for:



Sirona R/F quick coupling:  
4-hole standard interface with light, spray control and anti-retraction stop  
R : for instruments with a return air duct  
F: for instruments without a return air duct

Sirona B quick coupling:  
4-hole standard interface with anti-retraction stop, without light and spray control

\* T3 not available for KaVo coupling. \*\* T1 not available for NSK coupling.  
KaVo Multiflex LUX® = registered trademark of the KaVo Co.; W&H Roto Quick® = registered trademark of the W&H Co.; BienAir Unifix L®, BienAir Unifix® = registered trademark of the BienAir Co.; NSK MachLite/Phatelus®, NSK Mach®, NSK QD-J® = registered trademark of the NSK Co.



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#### SIRONA – UNIQUE WORLDWIDE SYSTEMS EXPERTISE IN DENTAL EQUIPMENT PRODUCTS

Sirona develops and manufactures a comprehensive range of dental equipment, including CAD/CAM Systems for dental practices (CEREC) and laboratories (inLab), Instruments and Hygiene Systems, Treatment Centers and Imaging Systems. Sirona manufactures high technology products that guarantee ease of use and a high return on investment – for the good of your practice and for the benefit of your patients. In this way, you can approach every challenge you face with confidence. **Enjoy every day. With Sirona.**

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