



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

INSTRUMENTS FOR EFFICIENT ROOT CANAL TREATMENT

We make a point of ensuring safety.

The Dental Company

sirona.

ENDODONTIC EXPERTISE FROM Sirona

Offering solutions to guarantee success.

Every dentist has found his or her own preferred method of root canal treatment. That's why Sirona offers a suitable product for every dentist: electronic or mechanical, for nickel-titanium or steel files, for beginners or specialists. Sirona offers endodontic motors with integrated apex locator to torque limiting contra-angle handpieces. Our general range also gives you excellent support in endodontics, e.g. the ultrasonically powered endotip for rinsing root canals or the SIROLasers – Advance and Xtend. With the diode lasers, you can effectively reduce germs and bacteria – even in difficult to access dentinal tubules of the root canal. Sirona and endodontics guarantee: **Enjoy every day. With Sirona.**



Safety to go.

SIROEndo Pocket is your mobile endodontic specialist unit. Whether you want intelligent electronics for maximum working efficiency or a minimal risk of breaking files: it guarantees optimal operating comfort and absolute treatment security. Individual file sequences and data can easily be stored. The integrated apex locator ensures optimal measuring accuracy. Above all, it is exceptionally easy to use. The display can be tilted for optimal viewing comfort and you can customize language settings. It effortlessly fits into your practice workflow. In addition, thanks to its battery-powered operating mode, the SIROEndo Pocket can be used in multiple treatment rooms – even while the battery is being charged.

Always in view

The integrated apex locator ensures optimal measuring accuracy without a file clamp when using the Sirona ENDO 6:1 contra-angle handpiece.

Easy to use

Fast and easy location of the file system and file type you want in the preprogrammed file library.

Wireless treatment

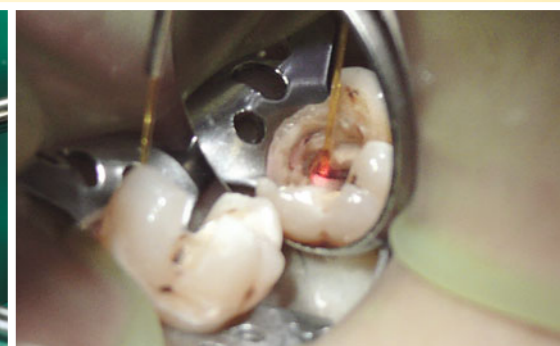
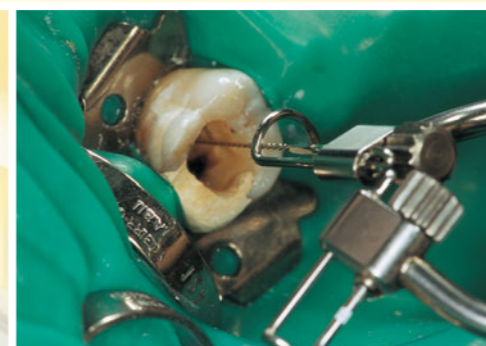
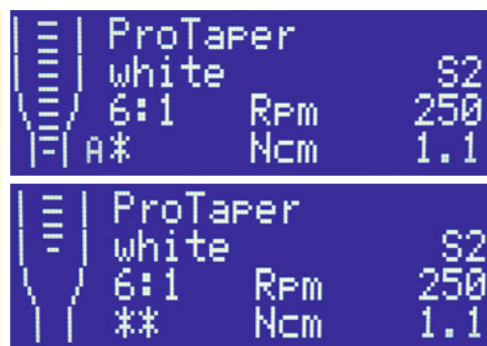
The SIROEndo Pocket is equipped with a storage battery. Operating time: approx. 2 hours. The unit also can be used while the battery is being charged.

Intuitive operation

Clearly arranged keypad with easy to understand icons.

Motor holder

The holder offers perfect seating of the motor and can easily be removed and cleaned.



Together with the mucosal electrode, the ENDO 6:1 contra-angle handpiece with extra small head is the perfect tool for locating the apex. Alternatively, measurement can of course also be performed in connection with a file clamp.

1. The left asterisk on the display indicates that the automatic motor stop is activated. If an "A" is displayed next to the asterisk, the apex has been reached.
2. The stylized representation of the canal and accompanying audible signals indicate that the file tip is approaching the apex. The second asterisk indicates: after the automatic motor stop, step on the foot pedal 1x to continue in an anti-clockwise direction, when pressing 2x the file rotates in a clockwise direction again.

The motor holder can be completely removed for easy cleaning and disinfection. Pleasant side effect: The SIROEndo Pocket is now even easier to transport.

Using the lifter on the bottom, you can tilt the SIROEndo Pocket to obtain a better view of the keypad. And, thanks to the motor holder, your contra-angle handpiece is easily accessible.

For irrigating root canals, which have had an application of sodium hypochlorite. Ultrasonic oscillations increase the effectiveness of the rinsing liquid and ensure its penetration even into capillaries.

The SIROLaser Advance reduces germs up to 1,000 µm – even in difficult to access dentinal tubules of the root canal.



SIRONiTi APEX/AIR⁺ APEX – THE CONTRA-ANGLE HANDPIECES FOR SAFE ROOT CANAL TREATMENT

Endodontics made quick and efficient.

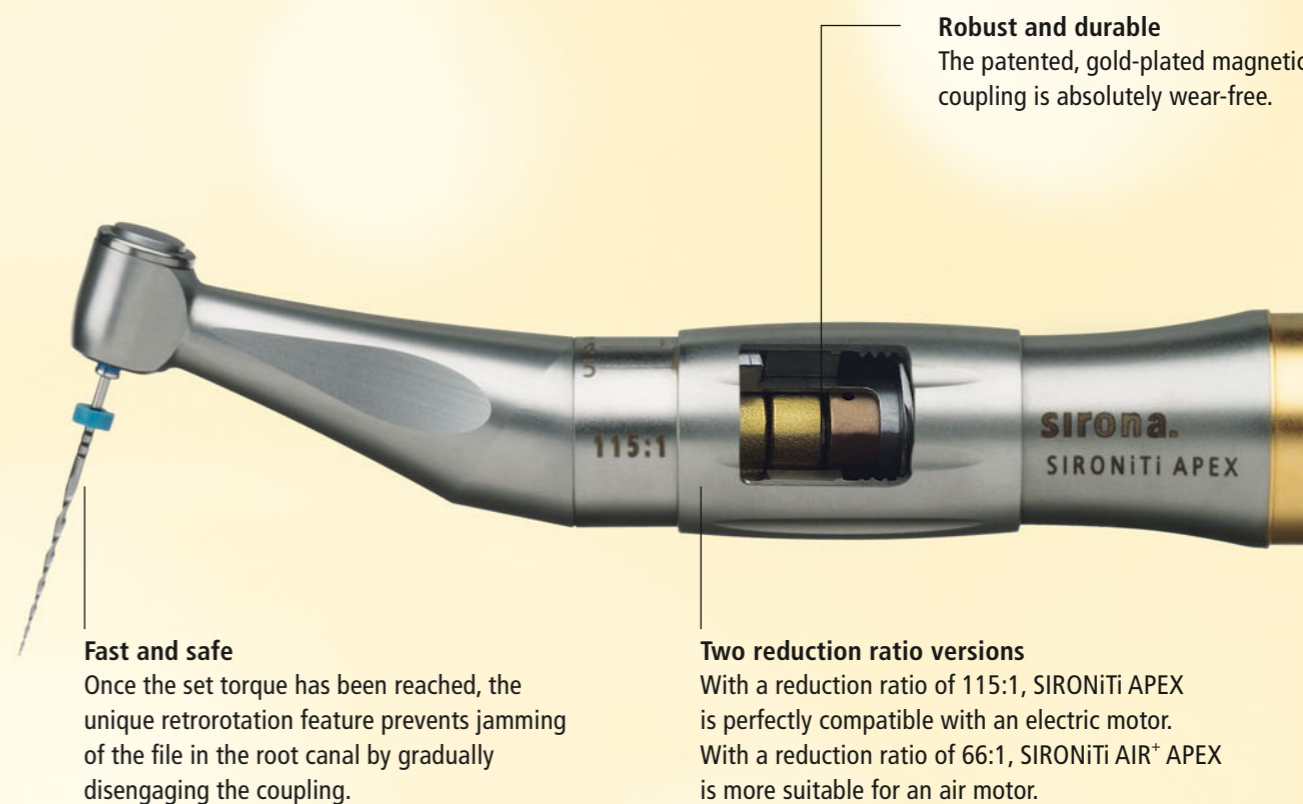
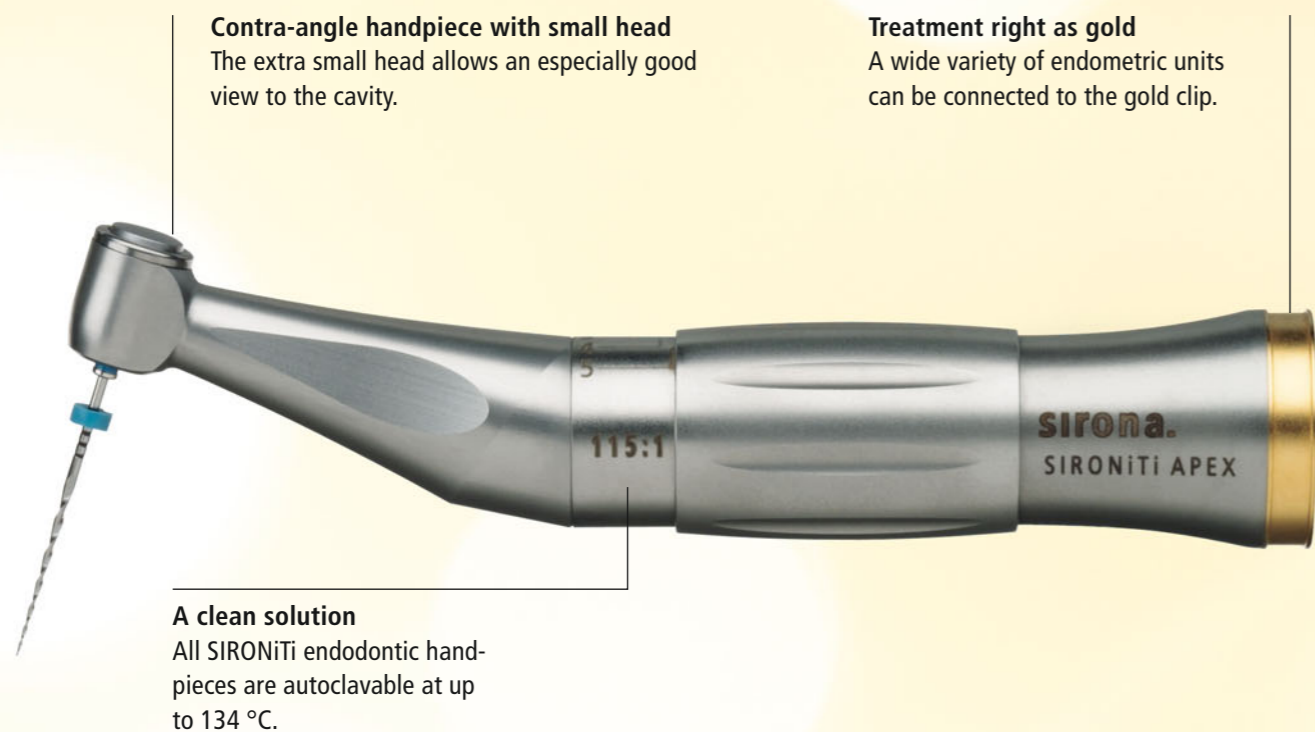
The SIRONiTi APEX and SIRONiTi AIR⁺ APEX contra-angle handpieces ensure safe and efficient treatment of the root canal. Both are equipped with a 5-step torque control and added Torque CARDS specify the torque level suitable for each particular file of the selected file system. Retro-rotation prevents jamming of the file in the root canal and the ISO interface enables free selection of the micromotor. The SIRONiTi APEX contra-angle handpieces allow you to locate the apex even more comfortable: with the gold clip, you can connect many electronic apex locators directly without using a file clamp.

SIRONiTi APEX – FOR EASY CONNECTION TO AN APEX LOCATOR

Safety is as valuable as gold.

SIRONiTi APEX AND SIRONiTi AIR⁺ APEX – ENDODONTIC HANDPIECES FOR ELECTRIC OR AIR MOTORS

Everything revolves around perfection.



On connecting the mucosal electrode plus the measurement cable of your apex locator to the contact pin, you have a complete "endodontic system" at your disposal.



The contact pins on the gold clips are available with a diameter of 2 mm or 1.5 mm. One of these sizes fits your endometric unit.



You will receive our Torque CARDS with each of the endodontic handpieces. The recommended torque step for each individual file in your selected file system is specified on these cards.



The SIRONiTi APEX and SIRONiTi AIR⁺ APEX contra-angle handpieces are equipped with torque control. You can select the right torque step from the five available settings by simply turning the selecting ring directly on the contra-angle handpiece.

T1 LINE ENDO/L AND T1 CLASSIC ENDO L – TITANIUM CONTRA-ANGLE HANDPIECES FOR ENDODONTICS

A perfect pair: Ergonomics and endodontics.

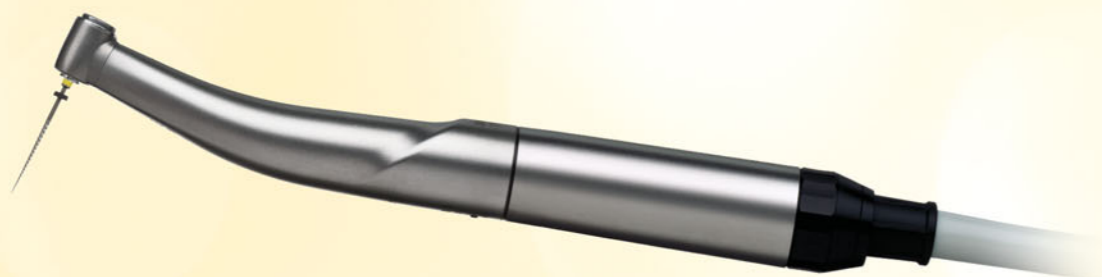
T1 LINE ENDO/L and T1 CLASSIC ENDO L are members of our highquality titanium contra-angle handpiece family.

They satisfy today's highest ergonomic demands, thus enabling fatigue-free treatment work. The concept behind the 2-in-1 root canal treatment principle is to offer the efficient application of handoperated files and machine-driven steel files using only a single contra-angle workpiece. The result: more freedom and economy.



Light guide with 25,000 lux.

Hand-operated or machine-driven files with only one contra-angle handpiece.



T1 LINE – the lightweight instruments

The low weight of the T1 LINE enables you to work stress-free all day long. The ISO interface fits all commercially available micromotors and the smooth biocompatible titanium surface is not only hygienic, but also skid-proof. Moreover, the "little" details are also convincing: If you wish, a light guide can supply you with 25,000 lux. Or you can choose between standard sized and minihead versions of the standard contra-angle handpieces.

T1 CLASSIC – the ergonomic instruments

The motor of the T1 CLASSIC is encased in the sleeve – to your advantage. This feature moves the instrument's center of gravity toward the front so that it balances perfectly in your hand. The best prerequisites for fatigue-free work all day long. Another convincing feature of the T1 CLASSIC is its cornerless and edge-free titanium surface, with minihead versions and a variety of types to meet all medical challenges.

ORDER NUMBERS

The "root extraction" numbers.

Electronic endodontic systems	REF
SIROEndo Pocket ¹⁾ incl. ENDO 6 : 1	61 95 882
ENDO 6 : 1 contra-angle handpiece	59 94 277

Accessories	REF
SIROEndo Pocket Memory Stick	61 96 674
SIROEndo Pocket Software Update Stick	61 96 682
SIROEndo Apex locator cable	60 83 476
SIROEndo Pocket cable for mucosal electrode with mucosal electrode	61 96 716
SIROEndo Pocket cable for file clamp with file clamp	61 96 724

Technical data	SIROEndo Pocket
Voltage	100–240 V
Frequency	47–63 Hz
Power	30 W
Motor speed (rpm)	1,200–19,200
Torque ²⁾	0.2–5 Ncm
Battery-powered mode	yes

Contra-angle handpieces for endodontics (giromatics)	REF
T1 LINE ENDO	58 70 709
T1 LINE ENDO L	58 69 552
T1 CLASSIC ENDO L	58 99 260

Technical data	T1 LINE ENDO	T1 LINE ENDO L	T1 CLASSIC ENDO L
Reduction	9,5:1	9,5:1	9,5:1
Light	–	💡	💡
Giromatics	yes	yes	yes
Rotary movement	± 30°	± 30°	± 30°
Equipment	Ø 2.35 mm and hand files with Ø 3.6–4 mm	Ø 2.35 mm and hand files with Ø 3.6–4 mm	Ø 2.35 mm and hand files with Ø 3.6–4 mm
Motor speed (rpm)	max. 15,000	max. 15,000	max. 15,000

Contra-angle handpieces for endodontics – SIRONiTi	REF
SIRONiTi APEX	61 74 234
SIRONiTi Air* APEX	63 24 615

Accessories	REF
Clip, Ø 2 mm (e.g. for RayPex®, ProPex, Root ZX, iPEX, Apex Pointer, Mini Apex Locator)	61 73 681
Clip, Ø 1.5 mm (e.g. for Apex Master)	61 73 699
ADAPTER BASIC for SL motor	59 83 072

Technical data	SIRONiTi APEX	SIRONiTi Air* APEX
Reduction	115:1	66:1
Max. operating speed ³⁾	350 rpm	600 rpm
Rotary movement	360°	360°
Equipment	2.35 RA	2.35 RA
Torque steps	5	5
NiTi files	all standard file systems	all standard file systems
Sterilization in autoclaves	up to 134 °C	up to 134 °C
Apex locator connectable	yes	yes

Ultrasonic tips for endodontics	REF
Endotip no. 5 (for SIROSON L and SIROSONIC L only)	60 02 310
Endodontic set L ⁴⁾ (for SIROSON L and SIROSONIC L only)	89 28 400

SIROLaser Advance	*)
Option: Wireless foot control	62 56 841

*) SIROLaser Advance REF-No for the following countries: Germany, Austria REF 62 56 783; Switzerland REF 62 58 441; Italy REF 62 58 508; Netherlands, Belgium REF 62 58 425; France REF 62 58 482; England REF 62 58 490; Spain REF 62 58 466; Portugal REF 62 58 516; Denmark REF 62 58 458; Finland, Norway, Sweden REF 62 58 474. Further countries on request.

¹⁾ Basic equipment of SIROEndo Pocket: control unit, motor incl. cable, foot switch, power supply unit, measurement cable, file clamp, 2 mucosal electrodes, SIROEndo Pocket Memory Stick.

²⁾ Depending on the contra-angle handpiece used.

³⁾ In combination with an electric motor or a motor speed of 40,000 rpm.

⁴⁾ Contains: Endotip no. 5, L spray adapter, tool key, set of root canal instruments, cleaning wire, 5 hose clamps for NaCl hoses, chuck, 5 slotted hose pieces for depth stop, chuck key for depth stop.



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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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