



CAD/CAM SYSTEMS | **INSTRUMENTS** | 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 specialist. 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 SIROLaser. With SIROLaser, you can effectively reduce germs and bacteria – even in difficult to access dentinal tubules of the root canal. Sirona and endodontics guarantee: **It will be a great day. With Sirona.**





ProTaper
white
6:1 RPM 250
 Ncm 1.1

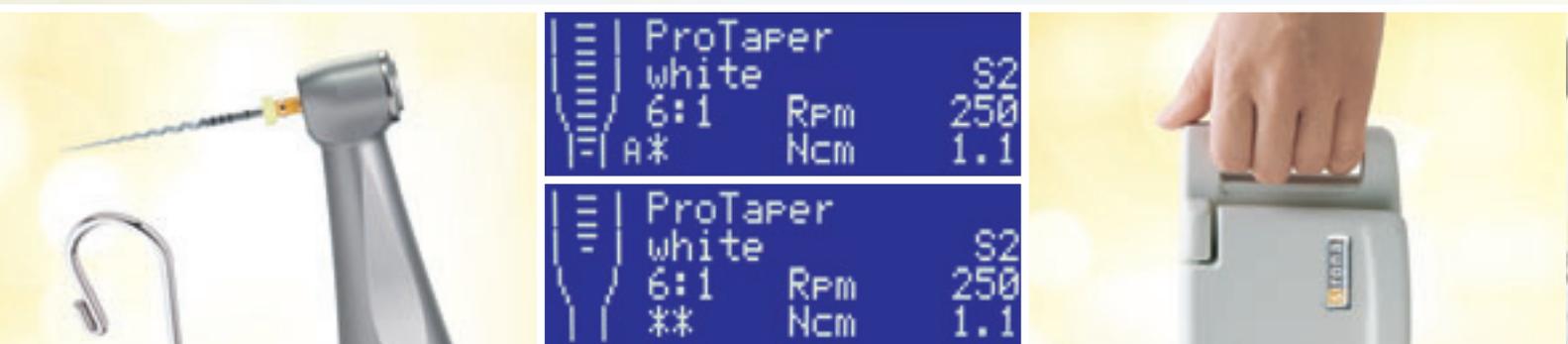
sirona

SIROendo Pocket

- Power
- Stop
- Speed
- Reverse
- Lock
- Auto
- Handpiece
- Motor
- LED
- Stop
- Power
- Speed
- Reverse
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- LED

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 is true because as you can easily use this compact, battery-powered unit wherever and whenever you need it. And of course, you can also use it while it is charging. What's more, it features all of the familiar benefits of the SIROEndo – an integrated apex locator, a file library, precision tuning of the contra-angle handpiece, etc. In short: Everything in a single unit. 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.



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 right 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.

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

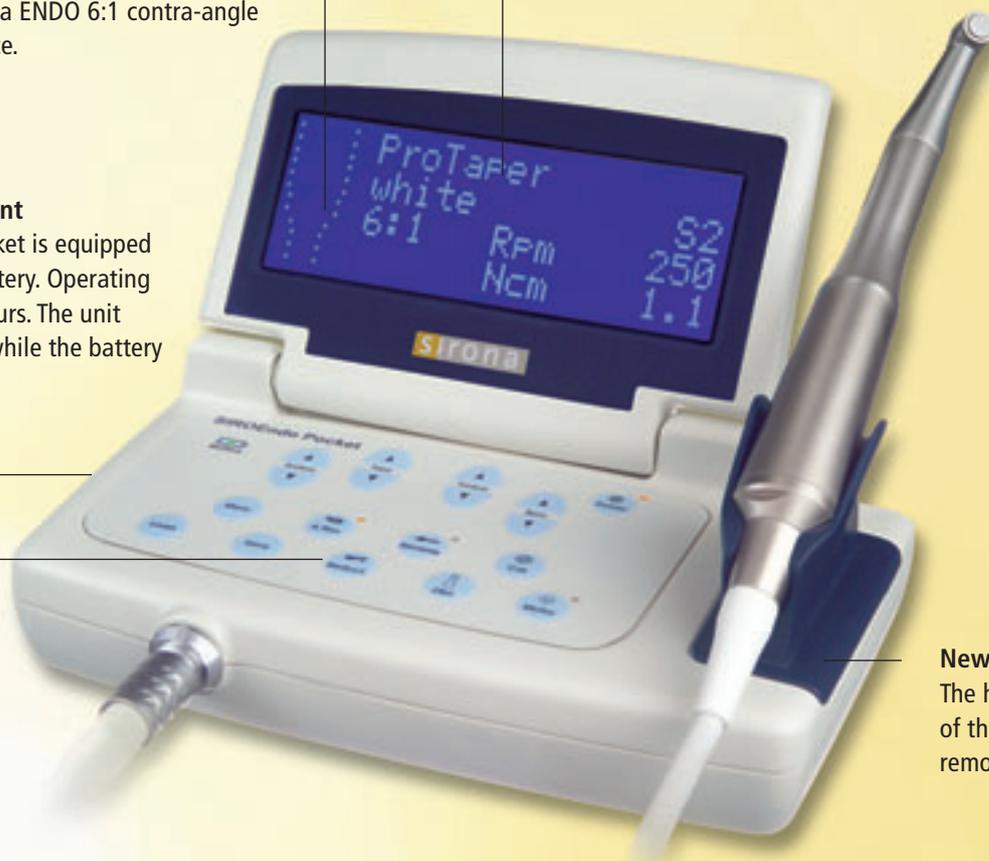
The SIROEndo Pocket is equipped with a storage battery. Operating time: approx. 2 hours. The unit also can be used while the battery is being charged.

Intuitive operation

Clearly arranged keypad with easy to understand icons.

New motor holder

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



Using the lifter on the bottom, you can tilt the SIROEndo Pocket to obtain a better view of the keypad. And, thanks to the newly designed 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 reduces germs up to 1,000 μm – even in difficult to access dentinal tubules of the root canal.

SIROEndo AND SIROEndo POCKET – ENDODONTIC MOTORS WITH INTEGRATED APEX LOCATOR

Provides the control needed at deeper levels.

With SIROEndo and the new SIROEndo Pocket, we are offering you two unique endodontic tools – that would be pride of place in any endodontic specialist’s dental office. Their most important features are: Intelligent electronics for maximum working efficiency and ease of use, minimal risk of breaking files, storage of individual file sequences and data, and an integrated apex locator for optimal measuring accuracy. In short: maximum treatment safety. The new SIROEndo Pocket is completely portable due to its battery-powered operation and flexibility – You can easily take it along to any treatment room. On the other hand, the SIROEndo will adapt to any treatment center, and therefore always be at hand when required.

SIROEndo – THE ENDODONTIC UNIT THAT EASILY ADAPTS TO YOUR TREATMENT CENTER

To ensure that your endodontic unit is always within reach.

One of the special features of the SIROEndo, it is the first endodontic unit that you can adapt to almost any treatment center. That way you always have your endo motor within easy reach. This is convenient for you as well as for your patients, and also promotes treatment efficiency. “The all-in-one” concept of SIROEndo also ensures optimal safety. As it provides you with all of the functions you need for endodontology, from an apex locator to a file library. Furthermore, it is also suitable for both nickel-titanium and steel files.



For a perfect workflow: The swiveling support arm system can be mounted on the majority of light posts.

A correctly placed rubber dam is essential to ensure ideal isolation for an endodontic treatment. The small head of the SIROEndo allows a much better access to the root canal.

Everything preset
Easy setting of the file system and type via the file library.

Precision tuning

You can arbitrarily increase or decrease the torque values and individually set the rotational speed.



Ideal workflow

Sometimes the intermediate X-ray can also be omitted due to the integrated apex locator.

Versatile storage options

You can save your individual user and instrument data either to the internal memory or to the external SIROEndo Memory Stick and recall them as required.



The clearly arranged display enables you to keep each treatment step in view: File system and type, color code, torque and rotational speed, as well as the reduction ratio of the contra-angle handpiece. The apex locator: When the tip reaches the apex, a signal sounds and an "A" appears. "-1" means that the file has moved beyond the apex.

Depth measurement is performed with the ENDO 6:1 contra-angle handpiece and the mucosal electrode attached or with a file clamp and the mucosal electrode.



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SIRONITI APEX

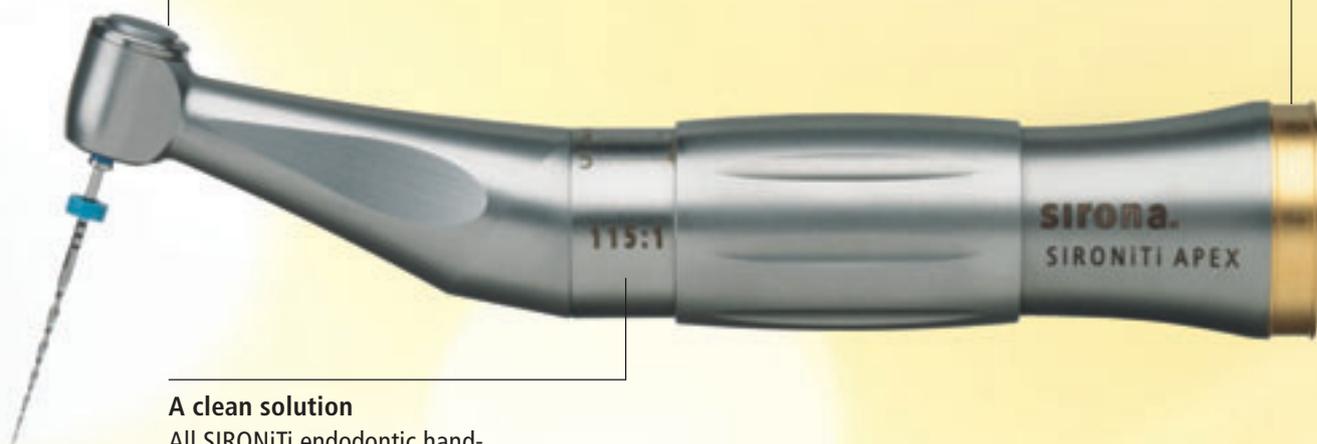
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SIRONiTi APEX – FOR EASY CONNECTION TO AN APEX LOCATOR

Safety is as valuable as gold.

Contra-angle handpiece with small head
The extra small head allows an especially good view to the cavity.

Treatment right as gold
A wide variety of endometric units can be connected to the gold clip.



A clean solution
All SIRONiTi endodontic handpieces are autoclavable at up to 135 °C.

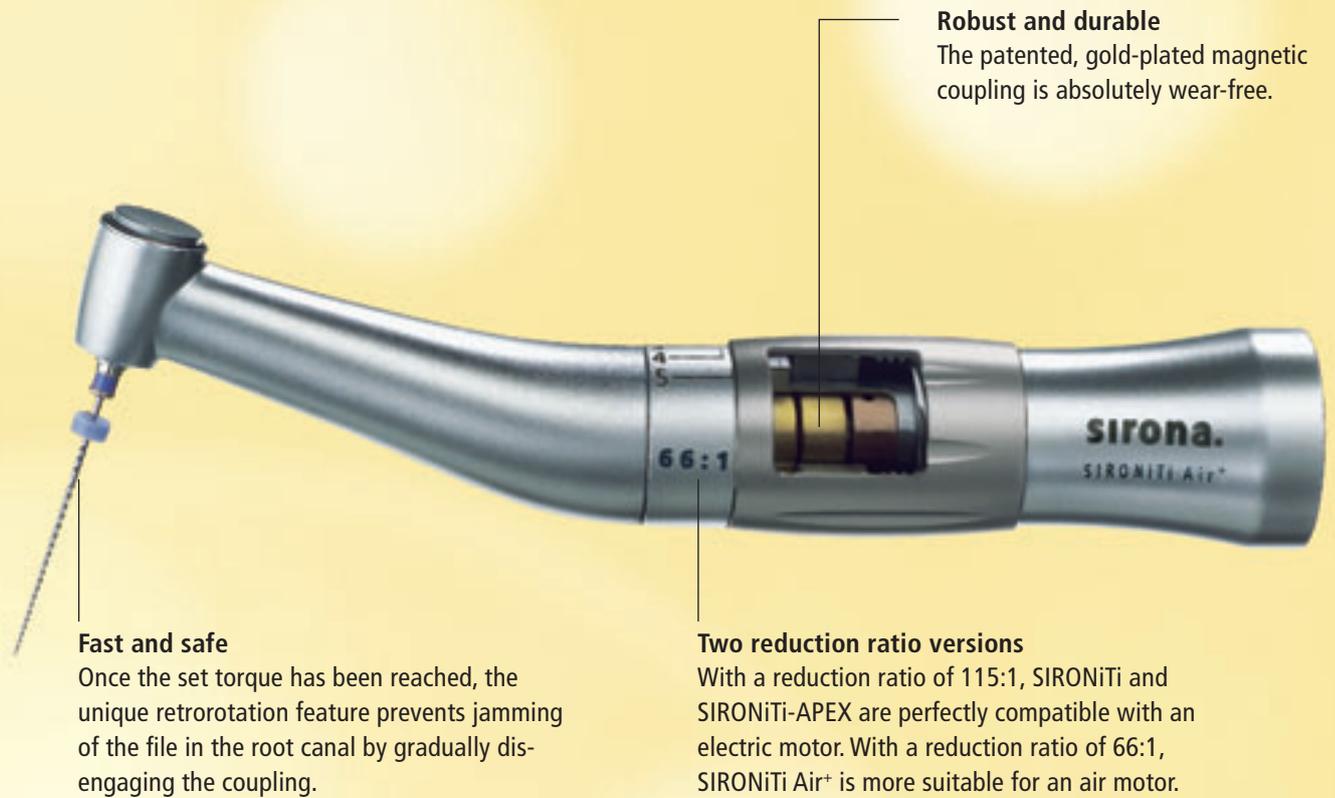


On connecting the mucosal electrode plus the measurement cable of your apex locator to the contact pin, you have a complete "endodontic system" at your disposal.

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.

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

Everything revolves around perfection.



Robust and durable
The patented, gold-plated magnetic coupling is absolutely wear-free.

Fast and safe
Once the set torque has been reached, the unique retrorotation feature prevents jamming of the file in the root canal by gradually disengaging the coupling.

Two reduction ratio versions
With a reduction ratio of 115:1, SIRONiTi and SIRONiTi-APEX are perfectly compatible with an electric motor. With a reduction ratio of 66:1, SIRONiTi Air+ is more suitable for an air motor.



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.



All SIRONiTi 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.

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

Endodontics made quick and efficient.

The SIRONiTi, SIRONiTi Air⁺ and SIRONiTi APEX contra-angle handpieces ensure safe and efficient treatment of the root canal. All three 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 new SIRONiTi APEX contra-angle handpiece allows you to locate the apex even more comfortable: with the new gold clip, you can connect many electronic apex locators directly without using a file clamp.

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 high-quality 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 hand-operated and machine-driven 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 micro-motors 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 ¹⁾	60 46 598
SIROEndo ¹⁾ incl. ENDO 6:1	60 46 564
SIROEndo Pocket ²⁾ incl. ENDO 6:1	61 95 882
ENDO 6:1 contra-angle handpiece	59 94 277

Accessories	REF
SIROEndo connector, Ø 50–55 mm, e.g. for Sirona, KaVo and Castellini treatment centers	60 46 572
SIROEndo connector, Ø 39–45 mm, e.g. for Anthos, Belmont and Planmeca treatment centers	60 46 580
SIROEndo wall connection	61 34 626
SIROEndo Memory Stick	60 83 450
SIROEndo Software Update Stick	61 27 638
SIROEndo Pocket Memory Stick	61 96 674
SIROEndo Pocket Software Update Stick	61 96 682
Mucosal electrode	60 83 468
File clamp	60 83 492
Apex locator cable (SIROEndo)	60 83 476
SIROEndo Pocket cable for mucosal electrode	61 96 716
SIROEndo Pocket cable for file clamp	61 96 724

Technical data	SIROEndo	SIROEndo Pocket
Voltage	100–240 V	100–240 V
Frequency	47–63 Hz	47–63 Hz
Power	30 W	30 W
Motor speed (rpm)	1,600–12,800	1,200–19,200
Torque ³⁾	0.1–7 Ncm	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	59 28 879
SIRONiTi Air+	59 83 064
Starter Kit ⁴⁾ SIRONiTi – FlexMaster®	59 53 489
Starter Kit ⁴⁾ SIRONiTi – ProFile®	59 53 497
Starter Kit ⁴⁾ SIRONiTi – ProTaper™	59 53 505

Accessories	REF
Clip, Ø 2 mm (e.g. for RayPex®, ProPex, Root ZX)	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+	SIRONiTi
Reduction	115:1	66:1	115:1
Max. operating speed ⁵⁾	350 rpm	600 rpm	350 rpm
Rotary movement	360°	360°	360°
Equipment	2.35 WB	2.35 WB	2.35 WB
Torque steps	5	5	5
NiTi files	all standard file systems	all standard file systems	all standard file systems
Sterilization in autoclaves	up to 135 °C	up to 135 °C	up to 135 °C
Apex locator connectable	yes	–	–

Ultrasonic tips for endodontics	REF
Endotip no. 5 (for SIROSON L and SIROSONIC L only)	60 02 310
Endodontic set L ⁶⁾ (for SIROSON L and SIROSONIC L only)	89 28 400

Diode laser	REF
SIROLaser (DE, EN, FR, ES, IT)	60 46 960
SIROLaser (EN, DK, SV, FI, NO)	60 46 978
SIROLaser (EN, FR, ES, NL, PT)	60 46 986
SIROLaser (EN, RUS, PL, TR, GR)	60 46 994

¹⁾ Basic equipment of SIROEndo: control unit, motor incl. cable, foot switch, power supply unit, measurement cable, file clamp, 2 mucosal electrodes, support arm, SIROEndo memory stick.

²⁾ 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.

³⁾ Depending on the contra-angle handpiece used.

⁴⁾ Starter Kit: Comprising one SIRONiTi contra-angle handpiece, one set of Torque CARDS, one basic file kit, one system box and three plastic training blocks. Note: not available in every country.

⁵⁾ In combination with an electric motor or a motor speed of 40,000 rpm.

⁶⁾ 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 that you face, confident in the knowledge that: **It will be a great day. With Sirona.**

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