

SIRONA IMAGING



# PRODUCTIVITY FOR EVERY PRACTICE

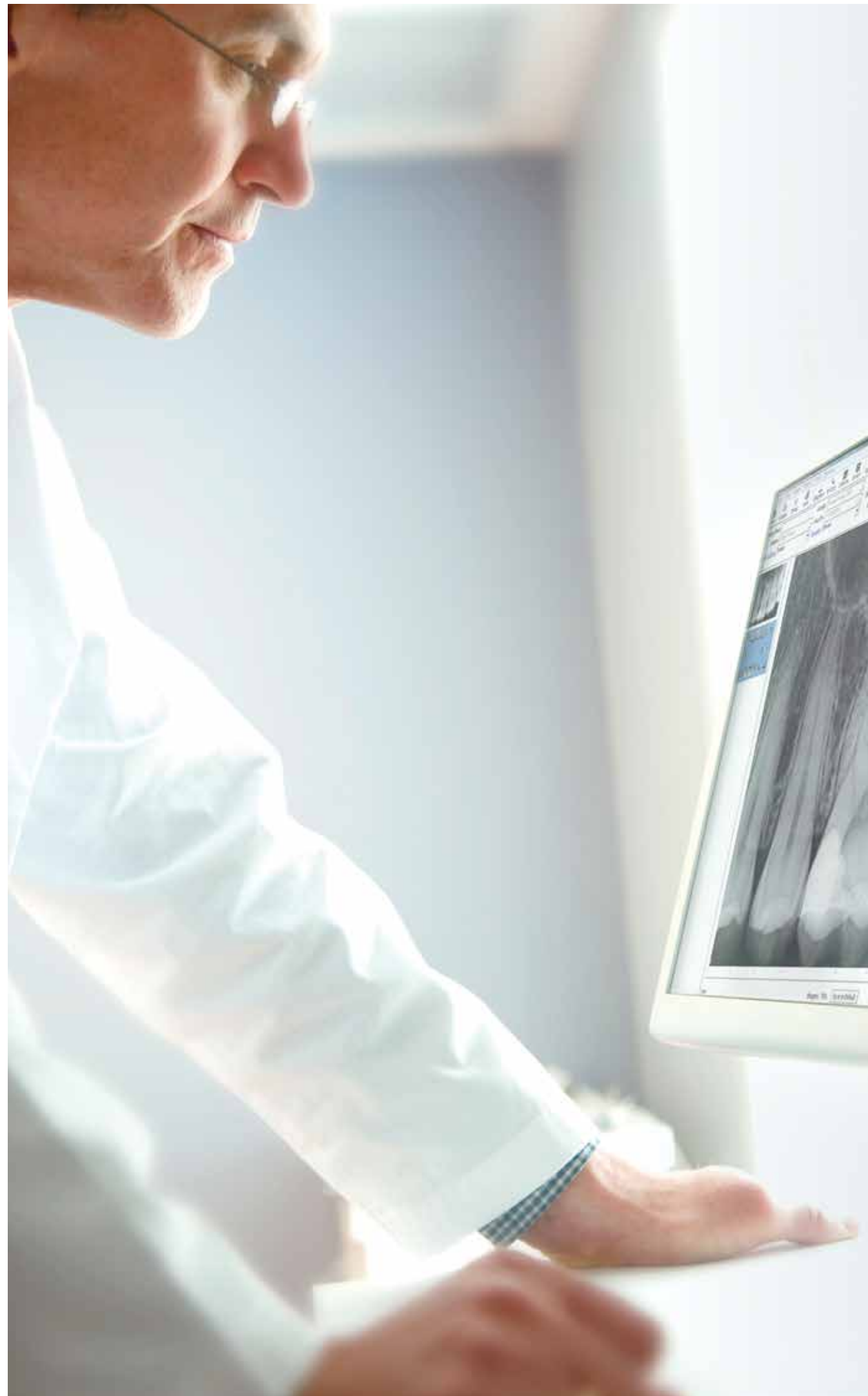


The Dental Company

sirona.

# ADVANCED TECHNOLOGY FOR BETTER CARE

Sirona's intraoral products are designed to provide you with solutions to help you make advances in digital dentistry by transforming your daily work and patient interactions. Whether you are using state-of-the-art intraoral imaging systems or advanced laser treatment devices, Sirona's innovative technologies can enhance every part of your practice.



02 / 03

## PATIENT EXPERIENCE

Thanks to immediate image results, you can provide greater diagnostics, clearer patient communication and the best clinical outcome for a more satisfied customer.

## PRACTICE LIFESTYLE

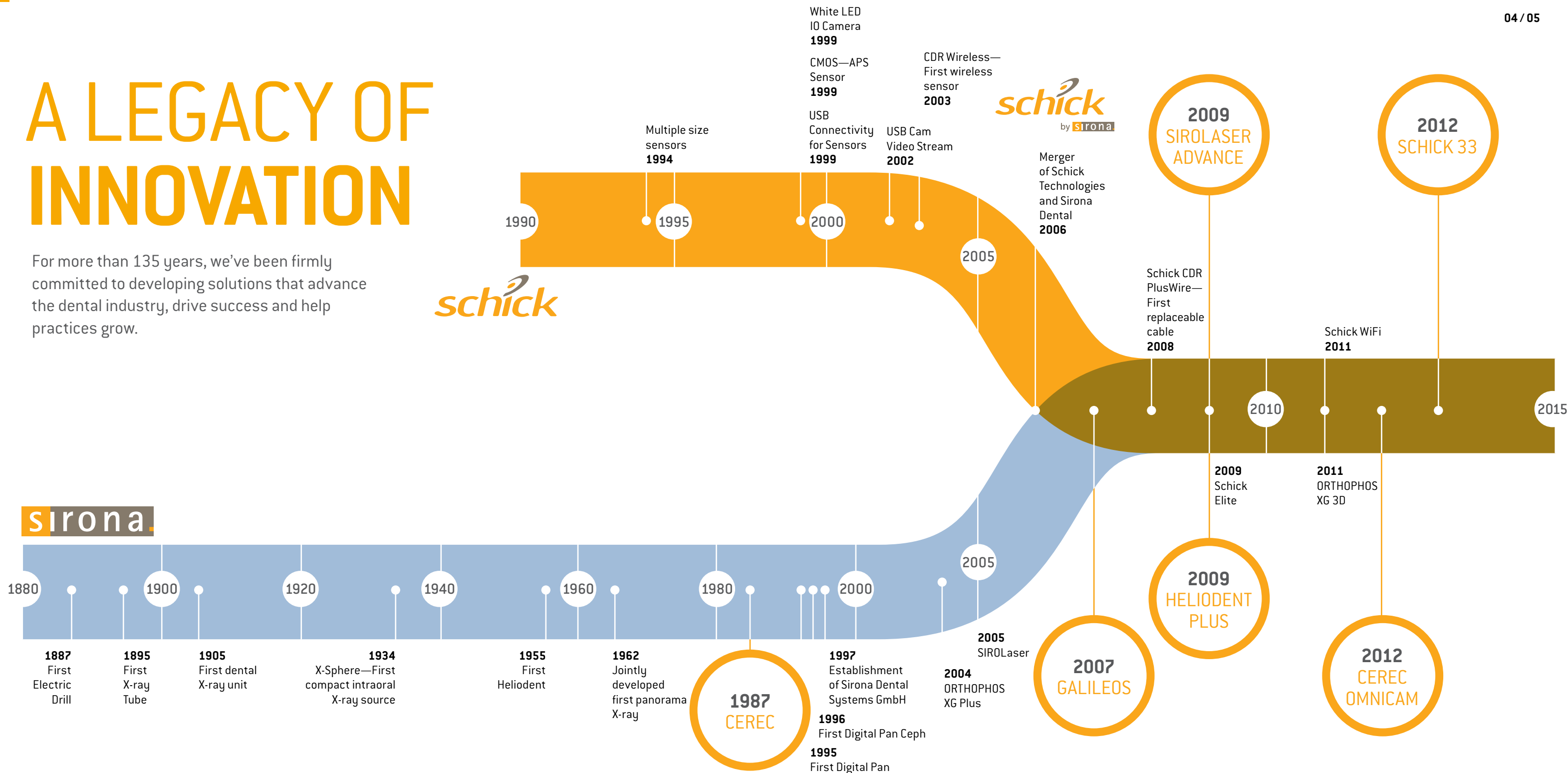
Benefit from high-tech tools that improve clinical workflow, make patient time more productive and create a more enjoyable, rewarding experience.

## SERVICE & SUPPORT

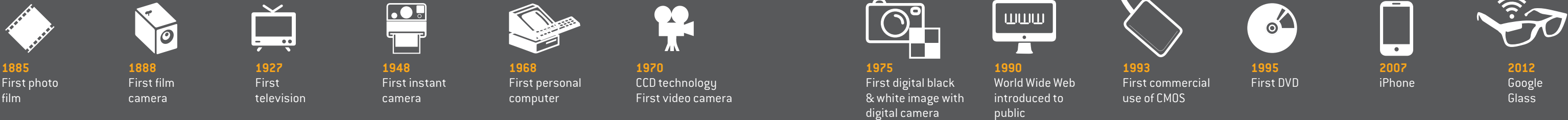
Every Sirona product is supported by local tech support, in-office training, a comprehensive warranty and 100% satisfaction guarantee from Patterson Dental.

# A LEGACY OF INNOVATION

For more than 135 years, we've been firmly committed to developing solutions that advance the dental industry, drive success and help practices grow.



## TECHNOLOGY



## DENTISTS VALUE OUR INNOVATIVE DIFFERENCE

A driving force behind technical progress in dentistry, Sirona has been serving dental practices with innovative, industry-leading solutions for years. We are the world's largest manufacturer of dental technology with products marketed in more than 135 countries, supported by a workforce exceeding 3,000, including more than 260 engineers and scientists.

Sirona's continued success is strongly influenced by the trust and confidence our customers place in our products and service year after year. Here's what they have to say.

"Sirona products **elevate the standard of care** we can offer our patients."

"Patients love that I am investing in the practice and providing the **best possible care that I can.**"

"I can diagnose caries from across the room."

"Investing in Sirona's products was the **best decision I have made for my practice in 15 years.**"

"When I saw the **image quality of Schick 33** I was **BLOWN AWAY**. There is really no comparison. The 33 image is so much more clear and crisp."

"The Schick AimRight positioning system helps my staff cut down on the guesswork and deliver consistent, repeatable diagnostic shots on every patient."

# HELIODENT<sup>PLUS</sup>

HELIODENT<sup>PLUS</sup> is the latest generation of intraoral X-ray generator for digital and film-based imaging. The HELIODENT<sup>PLUS</sup> features quick and safe operation that enhances your practice workflow.

## OPTIMIZED FOR DIGITAL IMAGING

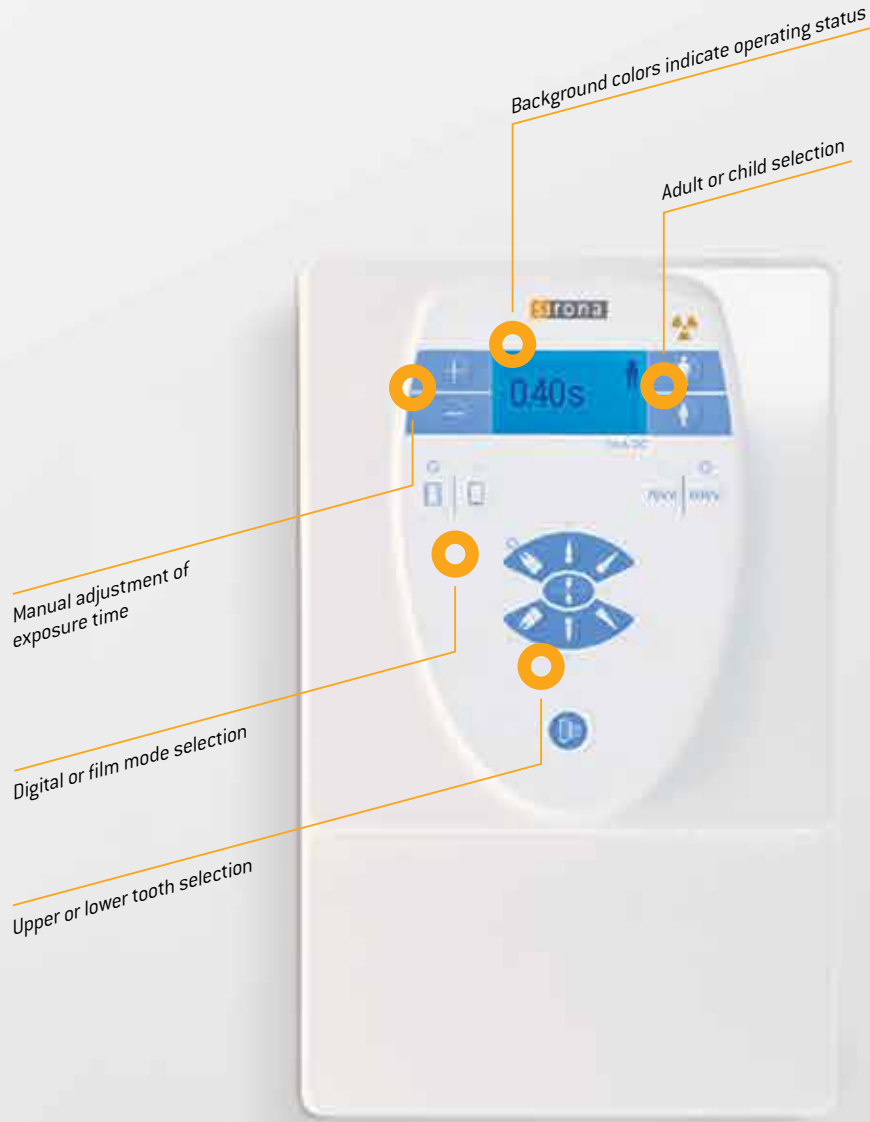
Small focal spot generator, with preprogrammed digital sensors settings.

## EASE OF USE

User-friendly interface with preprogrammed settings for better workflow.

## MULTIPLE CONFIGURATIONS

Three different arm lengths and remote control features allow for an installation in any operatory.



## AVAILABLE INSTALLATION OPTIONS

- Remote Timer**  
Separates the imaging controls from the unit.
- Remote Control**  
Separates the exposure button from the unit.
- Exposure Release Button**  
10' coiled cord exposure button.

**Rectangular Collimator**  
Included accessory to reduce radiation to the patient



**HELIODENT<sup>PLUS</sup> mobile stand**





# SCHICK 33

Get unprecedented image quality and control from Schick 33, the next generation in intraoral digital radiography.



Schick 33 provides exceptionally clear images, which makes the diagnostic process more efficient and accurate.



### 3 SENSOR SIZES

Accommodate a full range of patients, including children. Schick 33 is available in all three sizes (0, 1 and 2).

### HIGH-RESOLUTION IMAGING

The Schick 33 intraoral sensor provides a theoretical resolution of 33 line pairs per millimeter for consistently detailed images and advanced diagnostic capabilities.

### INTERCHANGEABLE CABLE TECHNOLOGY

All sensors use replaceable cable technology. Available in 3 ft., 6 ft. and 9 ft. to fit your unique operatory needs.



**DYNAMIC IMAGE ENHANCEMENT**  
Maximize Schick 33's true diagnostic potential with image management control capabilities. Dynamically enhance images, manipulate sharpness and use clinical-specific views to see images that best suit your individual needs.



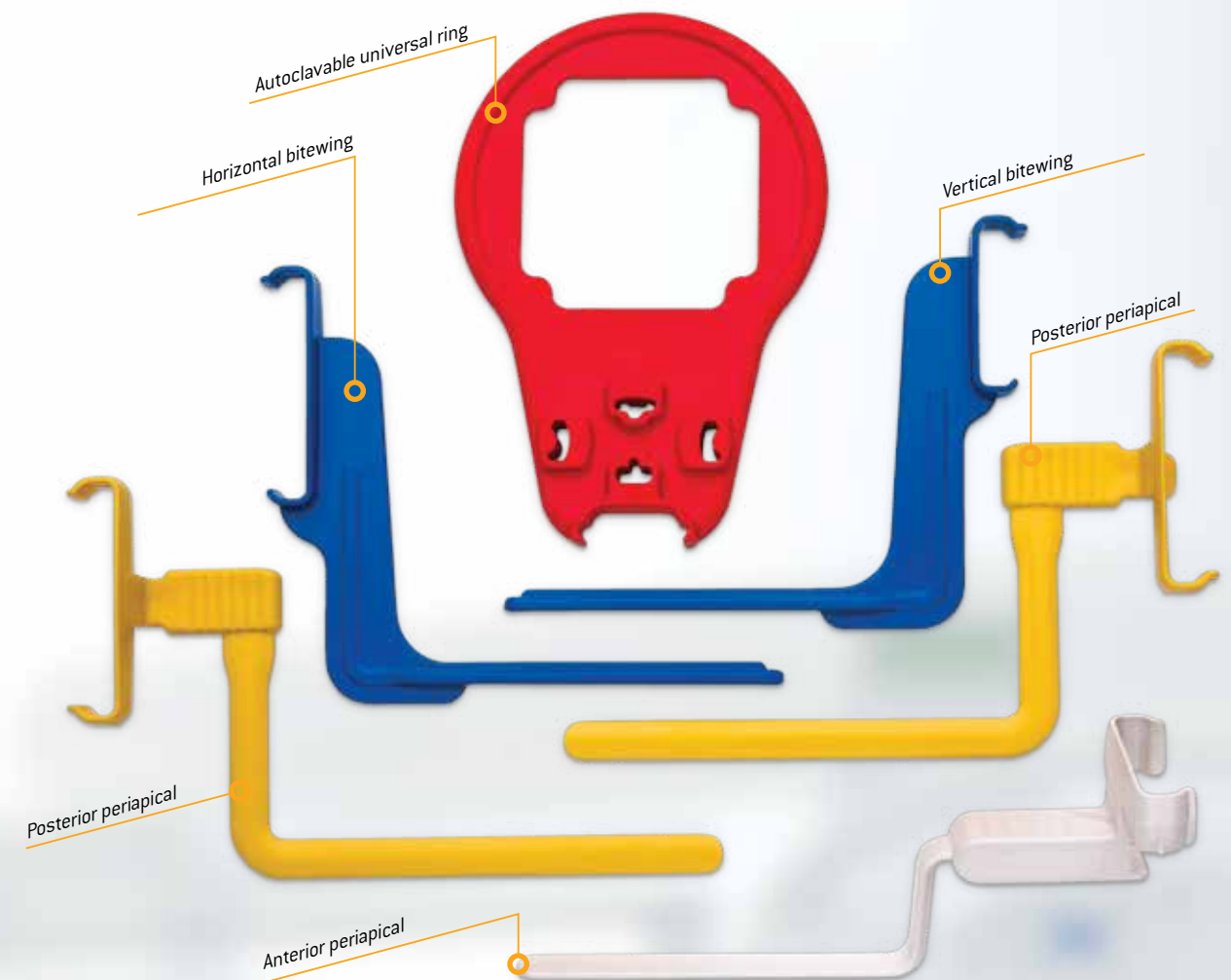
# AIMRIGHT POSITIONING SYSTEMS

Obtain properly oriented images easily and effectively with the system designed for optimal sensor placement and patient comfort.



## ADHESIVE POSITIONING SYSTEM

Maximize comfort and convenience without adding to sensor dimensions. Used in multiple configurations, this disposable system is suitable for all patients regardless of oral cavity size or structure.



## AUTOCLAVABLE POSITIONING SYSTEM

Featuring a universal aiming ring, unique integrated arm and holder design, this system makes assembly and repeatable positioning easy.



# OPTIONS TO FIT YOUR PRACTICE

USB  
REMOTE

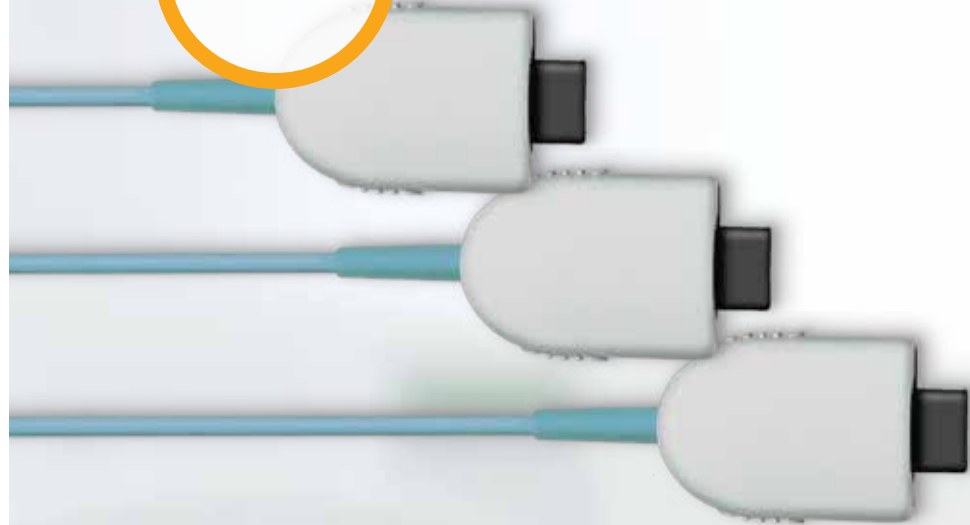
**Robust Sensor Interface**  
Highly rated connector, > 20,000  
insertion cycles, more durable  
than a standard USB Connection.

**Intelligent Design**  
Remote firmware can be upgraded  
to address future advances  
in technology.

**Remote Installation**  
Sensor interface can be mounted  
up to 15' away from computer.



CABLES



## 3 DIFFERENT LENGTHS

Choose from 3 ft., 6 ft. or 9 ft. to meet your  
individual needs.

## KINK RESISTANT

Kevlar reinforced, silicon-coated cable for  
increased durability.

## INTERCHANGEABLE CABLE TECHNOLOGY

Switch out cables quickly and easily.

## 3 SENSOR SIZES

Meet the needs of every patient.

## INTERCHANGEABLE CABLE TECHNOLOGY

Choose from 3 ft., 6 ft. or 9 ft. lengths.

## CONNECTIVITY OPTIONS

Available in USB and WiFi options.



SCHICK  
ELITE



**Room-to-room mobility**  
WiFi interface gives clinicians  
unobstructed chairside mobility.

**Works with Schick Elite Sensors**  
Compatible with all three  
sensor sizes.

SCHICK  
WIFI

**Integrates with Schick  
AimRight positioning systems**





# USBCAM4

**THE PERFECT BLEND OF PORTABILITY AND ADVANCED IMAGING** Take digital diagnostics and patient education to the next level with this lightweight, compact intraoral camera. Featuring high-quality images and one-click image capture, it is an exceptional tool for improving patient understanding and compliance.

## UNIVERSAL FIXED FOCAL RANGE

Capture crisp, clear images in extreme close-up and full arch.

## LIGHTWEIGHT AND ULTRA-PORTABLE

Easily transfer between operatories without operator fatigue.

## MULTIPLE MOUNTING OPTIONS

Flexible installation in any operatory.

## EASY PLATFORM INTEGRATION

Use in conjunction with Schick 33 Elite and Elite sensors or as a standalone.



**8 HIGH-QUALITY LED LIGHTS**  
Provide superb clarity and color.

**STANDARD USB CONNECTION**  
No capture card required.

# SIROLASER ADVANCE & XTEND

**Efficient**  
**970nm**

Ideal wavelength with highest absorption into water/soft tissue. Reduces collateral damage and burning flesh odor when used in combination with water.

**Powerful**  
**14 watt**

Highest Peak-Power soft tissue diode laser. The additional power gives you the freedom to perform procedures at your own pace, adjusted to your patients and the environment.

**Useful**

## APPLICATIONS

- **Frenectomy**  
Save time and get better results.
- **Gingivectomy**  
Added control gets you the results.
- **Implant uncover**  
Use the laser without compromising the site.
- **Sucular debridement**  
Ideal for hygiene applications.
- **Gingival troughing**  
Perfect companion for your CEREC.
- **Hemostasis**  
Stopping bleeding is easier in a wet environment.



CLASS II LASER  
970 nm ± 10 nm  
P<sub>max</sub> = 14 W  
λ = 970 - 980 nm  
P<sub>avg</sub> = 1.5 W  
IEC 60825-1:2007

CAUTION  
CLASS II LASER  
RADIATION WHEN OPEN AND/OR EYE  
OR SKIN EXPOSURE TO DIRECT  
OR SCATTERED RADIATION



- ① Ergonomic handle for portability and mobility.
- ② Color touchscreen navigation with user profiles, presets and customized treatment settings.
- ③ Li-ion battery for untethered usage and transport.

- ④ Counterclockwise cable management winding solution for safe transport and storage.
- ⑤ Fiber length adjustable on the fly.
- ⑥ Straightforward fiber management allowing effortless sterilization of sleeve, tips and fibers.

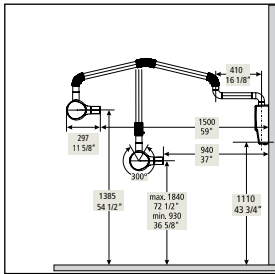
- ⑦ Ergonomic handling with integrated finger activation for true portability.
- ⑧ Bendable single-use tips that can be rotated to the optimal angle.



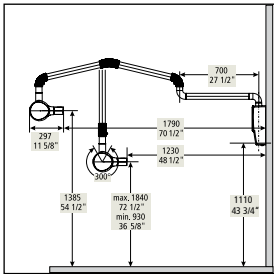
# TECHNICAL DATA

HELIODENT<sup>PLUS</sup>

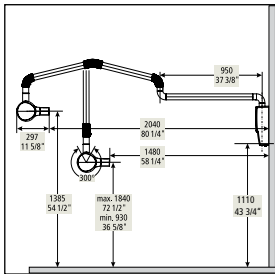
Technical Data	
Generator type	High-frequency generator for constant high voltage
Tube voltage	Adjustable between 60 kV and 70 kV
Tube current	7 mA
Focal spot	0.4 (IEC 336)
Line voltage	120–240 V ± 10 % without switching, 50/60 Hz
Exposure time	Incrementally adjustable from 0.01 to 3.2 s
Detector media	Preset for film, digital sensors, Phosphor plate system and other systems
Display	Multicolored display to show the different system states
Focus-to-skin distance	Standard 8", optional 12"
Available installation options	Wall installation with 3 support arm lengths, installation remote control and remote timer



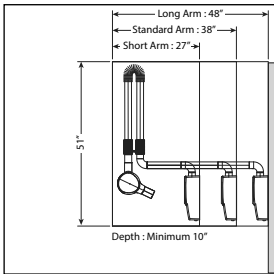
HELIODENT<sup>PLUS</sup> with short arm



HELIODENT<sup>PLUS</sup> with standard arm



HELIODENT<sup>PLUS</sup> with long arm



HELIODENT<sup>PLUS</sup> pass-through dimensions

SCHICK 33

Technical Data	
Sensors	
Sensor 0: Pixel Count	1.9 Megapixels
Sensor 0: Overall dimensions	23.6 x 32 x 7.5 mm
Sensor 1: Pixel Count	2.7 Megapixels
Sensor 1: Overall dimensions	25.4 x 38.3 x 7.5 mm
Sensor 2: Pixel Count	4.1 Megapixels
Sensor 2: Overall dimensions	31.2 x 43 x 7.5 mm
Physical pixel size	15 µm
Theoretical resolution	33.3 lp/mm
Sensor cable length	3', 6' and 9'
USB module	
USB port of USB module	Version 2.0
Power supply	USB port

SCHICK ELITE

Technical Data	
Sensors	
Sensor 0: Pixel Count	0.48 Megapixels
Sensor 0: Overall dimensions	23.5 x 32 x 6.3 mm
Sensor 1: Pixel Count	0.68 Megapixels
Sensor 1: Overall dimensions	25.3 x 38.4 x 6.3 mm
Sensor 2: Pixel Count	1.25 Megapixels
Sensor 2: Overall dimensions	31.2 x 43.9 x 6.3 mm
Physical pixel size	30 µm
Theoretical resolution	16.7 lp/mm
Sensor cable length	Up to max. 2.7 m
USB module	
USB port of USB module	Version 2.0
Power supply	USB port
WiFi	
Technology	IEEE 802.11b/g
Charging station for WiFi	
Function	Storage device and charger with LED status display

AIMRIGHT POSITIONING SYSTEM

Technical Data			
Autoclavable Sensor Holders	Qty	Size/Color	Part#
AimRight Autoclavable Starter Kit		Size 2	B1074230
AimRight Autoclavable Starter Kit		Size 1	B1074130
Refill Packs			
AimRight Universal Ring	1	Red	B1074051
AimRight Horizontal Bitewing Autoclavable Holders S2	2	Blue	B1074251
AimRight Vertical Bitewing Autoclavable Holders S2	2	Blue	B1074252
AimRight Anterior Autoclavable Holders S2	2	White	B1074253
AimRight Periapical Autoclavable Holders S2	4	Yellow	B1074254
AimRight Horizontal Bitewing Autoclavable Holders S1	2	Blue	B1074151
AimRight Vertical Bitewing Autoclavable Holders S1	2	Blue	B1074152
AimRight Anterior Autoclavable Holders S1	2	White	B1074153
AimRight Periapical Autoclavable Holders S1	4	Yellow	B1074154
Adhesive Sensor Holders			
Adhesive Universal Starter Kit (includes 1 ring, 3 aiming arms, and 15 of each adhesive tab)	1		B1074330
Refill Packs			
Adhesive Positioning System Ring	1	White	B1073110
Adhesive BiteTab Holders	50/pkg	Red	B1073051
Adhesive Bitewing Holders	50/pkg	Blue	B1073052
Adhesive Endodontic Holders	50/pkg	Green	B1073053
Adhesive Anterior Holders	50/pkg	White	B1073054
Adhesive Periapical Holders	50/pkg	Yellow	B1073055
AimRight Endodontic Holder System	20/pkg	Beige	B1073056

SIROLASER

Technical Data	SIROLaser Advance 62 58 540	SIROLaser Xtend 62 86 327
Wavelength	970 +/- 15 nm	970 +/- 15 nm
Operation modes	Continuous Wave, Chopped Mode, Peak-Pulse Mode	Continuous Wave, Chopped Mode, Peak-Pulse Mode
Power	7 W	5 W*
Peak pulse	~14 W	~10 W*
Frequency	1–10,000 Hz	1–1,000 Hz*
Duty cycle	Variable	50 % (fixed)*
Weight	~2.87 lbs (incl. hand-piece and battery)	~2.87 lbs (incl. hand-piece and battery)
Dimensions	~7.75" x 7.17" x 7.44"	~7.75" x 7.17" x 7.44"
8 CE Hands-On training	Included, register at <a href="http://www.SIROLaser.com">www.SIROLaser.com</a>	Available, register at <a href="http://www.SIROLaser.com">www.SIROLaser.com</a>

\*upgrade possible

USBCAM4

Technical Data	
Imager	CCD
Video output	High-speed USB 2.0
Focus range	5–45 mm
Focus type	Fixed
Cable length	5 m
Resolution	640x480
Weight	45 g
Features	Integrated frame capture button; chair/table-mounted holder with on/off capability



**CEREC Omnicam:** Providing dental restorations in just one session

## INNOVATIVE CHOICES FOR A REWARDING PRACTICE LIFESTYLE

At Sirona, our broad range of compatible solutions is developed entirely around you. Every research study, every R & D investment and every new innovation is designed for one purpose: to help drive your success.



**GALILEOS:** The right 3D choice for every dentist providing diagnostic solutions



**Schick 33:** High-definition intraoral imaging



**CONCEPT S:** Surgery suite designed to optimize your clinical workflow



**HELIODENT<sup>PLUS</sup>:** Intraoral X-rays made easy



**SIROLaser Advance:** High-quality powerful laser for treatment and tissue management

## SIRONA: THE DENTAL TECHNOLOGY LEADER

Sirona, the technology and innovation leader in dentistry, has served dentists worldwide for more than 130 years. Sirona develops, manufactures and markets a complete line of dental products, including CAD/CAM restoration systems [CEREC], CBCT imaging systems [GALILEOS], extraoral imaging systems, digital intraoral imaging technology [SCHICK], dental treatment centers and hand instruments. Visit [www.sironausa.com](http://www.sironausa.com) for more information about Sirona and its products.



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