



AimRight Holder System User Guide

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Positioning Systems US 6,811,312

Schick WiFi US 7,090,395; 6,091,982

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Safety Notices

Do Not Use Holder if Damaged

AimRight Sensor holders are carefully inspected before they are shipped for normal use. In the unlikely event of mechanical damage either prior to or during shipment, discard the holder and do not use it.

Always Use Sheaths with Holders

Use protective sheaths every time the Sensor is used. Never use a damaged sheath. Always dispose of the sheath after every patient.




Protective sheaths are single-use devices and must not be reused under any circumstance. Reuse of single-use devices/instruments may cause them to become contaminated, compromise their intended function, and result in patient and user infection, injury and/or illness.

Steam Autoclave Cleaning and Sterilization

The parts of the positioning system must be cleaned and sterilized after each patient. For details and appropriate steps regarding product cleaning and sterilization, please refer to Section 4.

Symbols

Sirona Dental products display a number of markings which indicate compliance with regulatory requirements or which provide information in accordance with applicable technical standards.

SYMBOL	DESCRIPTION
	Indicates an attention to users to consult accompanying documents (this User Guide) for more information
	Conforms to European Union Medical Devices Directive (MDD) 93/42/EEC
	Indicates the use of steam or dry heat as the method of sterilization

1. Introduction

1.1. Welcome

AimRight holders are available to optimize the Sensor placement provided by Schick WiFi Interfaces. Like Sirona Dental adhesive-style holders, the AimRight system is color-coded for easy, intuitive placement. Rounded edges and corners around the holders significantly increase comfort for your patients during positioning so you can perform your work efficiently and with greater satisfaction.

1.2. AimRight Holder Systems

AimRight systems consist of aiming rings and positioning arms and holders. They can accommodate Schick Elite Sensors, size 1 and size 2 and can be repositioned as needed during the patient exam. They must be sterilized prior to use with the next patient. AimRight holders may be autoclaved and additional details regarding autoclave sterilization may be found in Section 4.

Refer to Sections 3.1 through 3.5 for information on using AimRight holders.

1.3. Using Sensor Sheaths

AimRight Holders must always be used with Sensor sheaths, which serve as a deterrent against cross-contamination. Sheaths are available for size 1 and size 2 Sensors. When placing the sheath over the Sensor, make sure the Sensor is inserted completely into the sheath. The sheath should fit snugly over the Sensor with the seams of the sheath lined up along the edge of the Sensor — not across the flat imaging area.

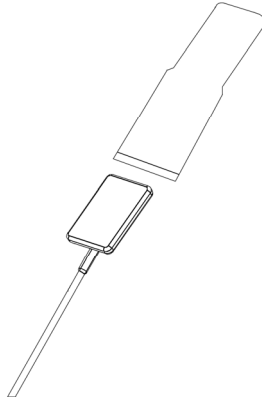
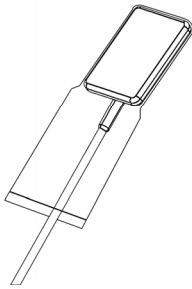
PLEASE NOTE: In the event that a sensor sheath tears while it is being used, discard the sheath immediately and replace it with a new one.

2. Sheaths

2.1. Sheath Placement

Specific use instructions are supplied for each holder in the next section, but the following steps are common to all AimRight holders, as shown below.

Table 1. Sheath Placement with Sensors

STEP	INSTRUCTION	ILLUSTRATION
1.	Select the appropriate size Sheath for the Sensor.	
2.	Slide the Sensor into the Sheath and carefully place inside the grip edges of the AimRight holder.	

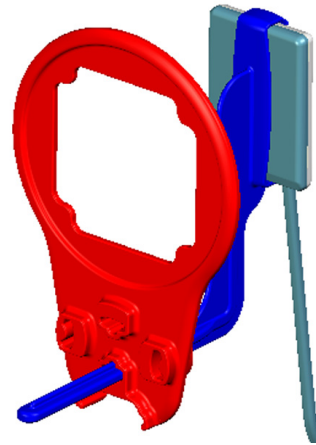
3. AimRight Holders

3.1. Bitewing Holder

REFERENCE

This holder is color-coded BLUE.

ILLUSTRATION



Grip-Style Bitewing Holder on Sensor (Horizontal bitewing image)
Sheath required but not shown

USAGE

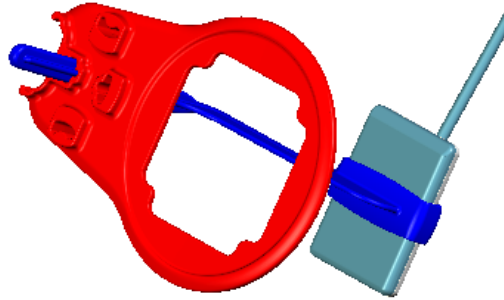
1. Place the sheath over the Sensor, following the steps described in Table 1 on page 2.
2. Click the Sensor into the grip edges of the holder and make sure that it is held securely in place.
3. Slide the holder through the bottom slot of the aiming ring.
4. Slide the aiming ring onto the Schick WiFi Interface.
5. Position the Sensor in the patient's mouth. Make other X-ray head or positioning instrument adjustments as needed. When ready, take X-ray.
6. Reposition holder if required.
7. Dispose of sheath and sterilize holder (*refer to Section 4*) at the end of this patient's exam.

3.2. Vertical Bitewing Holder

REFERENCE

This holder is color-coded BLUE.

ILLUSTRATION



Grip-Style Bitewing Holder on Sensor (Vertical bitewing image)
Sheath required but not shown

USAGE

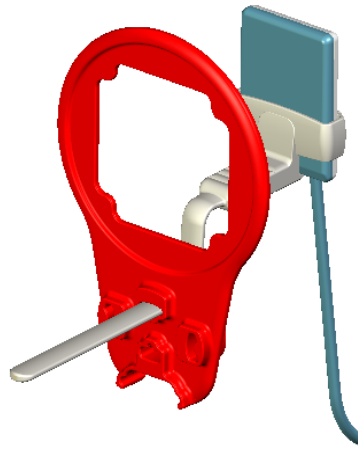
1. Place the sheath over the Sensor, following the steps described in Table 1 on page 2
2. Click the Sensor into the grip edges of the holder and make sure that it is held securely in place.
3. Slide the holder through the bottom slot of the aiming ring.
4. Slide the aiming ring onto the Schick WiFi Interface.
5. Position the Sensor in the patient's mouth. Make other X-ray head or positioning instrument adjustments as needed. When ready, take X-ray.
6. Reposition holder if required.
7. Dispose of sheath and sterilize holder (*refer to Section 4*) at the end of this patient's exam.

3.3. Anterior Periapical Holder

REFERENCE

This holder is color-coded WHITE.

ILLUSTRATION



Grip-Style Anterior Holder on Sensor (Maxillary image)
Sheath required but not shown

USAGE

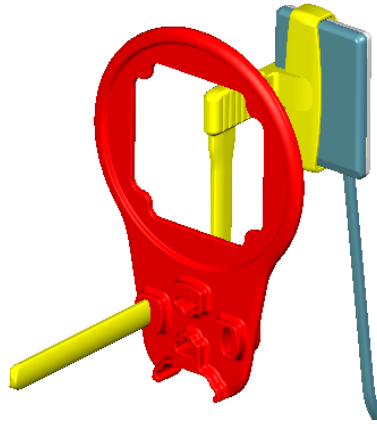
1. Place the sheath over the Sensor, following the steps described in Table 1 on page 2.
2. Click the Sensor into the grip edges of the holder and make sure that it is held securely in place.
3. Slide the holder through the top slot of the aiming ring.
4. Slide the aiming ring onto the Schick WiFi Interface.
5. Position the Sensor in the patient's mouth. Make other X-ray head or positioning instrument adjustments as needed. When ready, take X-ray.
6. Reposition holder if required.
7. Dispose of sheath and sterilize holder (*refer to Section 4*) at the end of this patient's exam.

3.4. Posterior Periapical Holder (UR/LL)

REFERENCE

This holder is color-coded YELLOW.

ILLUSTRATION



Grip-Style Periapical Holder on Sensor (Mandibular image)
Sheath required but not shown

USAGE

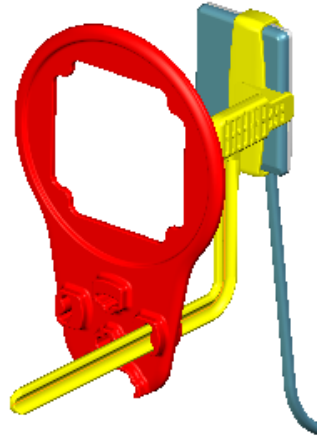
1. Place the sheath over the Sensor, following the steps described in Table 1 on page 2.
2. Click the Sensor into the grip edges of the holder and make sure that it is held securely in place.
3. Slide the holder through the left slot of the aiming ring.
4. Slide the aiming ring onto the Schick WiFi Interface.
5. Position the Sensor in the patient's mouth. Make other X-ray head or positioning instrument adjustments as needed. When ready, take X-ray.
6. Reposition holder if required.
7. Dispose of sheath and sterilize holder (*refer to Section 4*) at the end of this patient's exam.

3.5. Posterior Periapical Holder (UL/LR)

REFERENCE

This holder is color-coded YELLOW.

ILLUSTRATION



Grip-Style Periapical Holder on Sensor (Maxillary image)
Sheath required but not shown

USAGE

1. Place the sheath over the Sensor, following the steps described in Table 1 on page 2.
2. Click the Sensor into the grip edges of the holder and make sure that it is held securely in place.
3. Slide the holder through the right slot of the aiming ring.
4. Slide the aiming ring onto the Schick WiFi Interface.
5. Position the Sensor in the patient's mouth. Make other X-ray head or positioning instrument adjustments as needed. When ready, take X-ray.
6. Reposition holder if required.
7. Dispose of sheath and sterilize holder (*refer to Section 4*) at the end of this patient's exam.

4. Cleaning and Sterilizing Parts

4.1. Introduction

Prior to use, always cover the Sensor with a disposable hygienic protective cover before inserting the Sensor into the holder. Discard cover after use. After use with a patient, the parts of the positioning system must be cleaned and sterilized.

DO NOT AUTOCLAVE SENSORS.

4.2. Procedure

1. Disassemble instrument(s).
2. Remove debris from components with hot water and soap. Clean grooves and holes using an appropriate brush ensuring that full depth of the feature is reached for complete removal of any soil.
3. Put components in sterilization pouches, and place in the middle tray of the autoclave, away from autoclave walls and heating element. Plastic parts must be in a separate pouch from metal arms to avoid melting or warping.
4. Cycle per autoclave manufacturer's instructions. Do not exceed 270° F (132° C).

DO NOT use phenol-based glutaraldehyde.

DO NOT use special application or ultrasonic cleaners.

DO NOT CHEMICLAVE or DRY-HEAT STERILIZE.

DO NOT cold sterilize.

Note: Plastic parts have a limited life and should be replaced periodically. A holder that has warped and cannot hold the Sensor securely in place, or is misaligned with the aiming ring, should be replaced. Any method of sterilization will shorten the life of plastic parts.

5. Service and Reference

5.1. Part Numbers

Table 2. AimRight Grip Holder System Size 1 Starter Kit

ITEM	COLOR	FOR ORDERING	FOR REFERENCE
AimRight Grip Holder System Size 1 Starter Kit	—	B1074130	B1074130
AimRight Grip Aiming Ring	Red	—	B1074050
AimRight S1 H B/W Grip Holder	Blue	—	B1074101
AimRight S1 V B/W Grip Holder	Blue	—	B1074102
AimRight S1 ANT PA Grip Holder	White	—	B1074103
AimRight S1 UL/LR POS PA Grip Holder	Yellow	—	B1074104
AimRight S1 LL/UR POS PA Grip Holder	Yellow	—	B1074105

Table 3. AimRight Grip Holder System Size 2 Starter Kit

ITEM	COLOR	FOR ORDERING	FOR REFERENCE
AimRight Grip Holder System, S2 Starter Kit	—	B1074230	B1074230
AimRight Grip Aiming Ring	Red	—	B1074050
AimRight S2 H B/W Grip Holder	Blue	—	B1074201
AimRight S2 V B/W Grip Holder	Blue	—	B1074202
AimRight S2 ANT PA Grip Holder	White	—	B1074203
AimRight S2 UL/LR POS PA Grip Holder	Yellow	—	B1074204
AimRight S2 LL/UR POS PA Grip Holder	Yellow	—	B1074205

Table 4. AimRight Grip Holder System Refill Packs

ITEM	QUANTITY	COLOR	FOR ORDERING	FOR REFERENCE
AimRight S1 PA Grip Holders	4/pack	Yellow	B1074154	B1074154
AimRight Grip Aiming Ring	1/pack	Red	B1074051	B1074051
AimRight S1 ANT PA Grip Holder	2/pack	White	B1074153	B1074153
AimRight S1 H B/W Grip Holder	2/pack	Blue	B1074151	B1074151
AimRight S1 V B/W Grip Holder	2/pack	Blue	B1074152	B1074152
AimRight S2 PA Grip Holders	4/pack	Yellow	B1074254	B1074254
AimRight S2 ANT PA Grip Holder	2/pack	White	B1074253	B1074253
AimRight S2 H B/W Grip Holder	2/pack	Blue	B1074251	B1074251
AimRight S2 V B/W Grip Holder	2/pack	Blue	B1074252	B1074252

5.2. Product Support and Service

In the United States, customers can contact the Patterson Technology Center at 877-498-6505 for questions or issues regarding the AimRight Holder system. Outside the United States, please contact your local distributor of Sirona Dental products.

5.3. Recommended Date of Use

For best results, check the label on the holder bag and use the holders by the date specified.

5.4. Recommended Storage Conditions

For best results, check the label on the holder bag and store the holders within the specified temperature range.