



# CDR Universal Endodontic Holder User Guide

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May 8, 2003



Printed in the United States of America

This document was originally prepared in English

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# Safety Notices

## **Choking Hazard**

Proper precautions must be taken when using holders. To prevent accidental choking, ensure the holders are correctly positioned and stabilized when placed inside the patient's mouth. Although the edges and corners of the sensor holders and sheaths have been rounded to increase patient comfort, be aware of any condition that may cause the patient to gag or choke while the holder is in position.

## **Do Not Use Holder if Damaged**

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

## **Always Use Sheaths with Holders**

When used correctly, sheaths provide an effective barrier against exposure to bacteria and infection. Use new sensor sheaths and holders for each new patient. The sheath is an integral part of the CDR system and should always be placed over the sensor before positioning the holder.

# 1. Introduction

## 1.1. Welcome

Your new Universal Endodontic Holder provides maximum flexibility in helping you place your CDR Sensors precisely where you want them for the best digital images. Rounded edges and corners around the holder significantly increase comfort for your patients during positioning.

## 1.2. Your Universal Endodontic Holder

The Universal Endodontic Holder is designed for all CDR sensors, wired and wireless, and accommodates endodontic files, rubber dams, and clamps used during treatment. The Holder is a disposable, single-use item that should be disposed of at the end of the patient's exam.

Like other holders in the CDR Positioning System, the Universal Endodontic Holder is color-coded, so you can find it easily during X-ray exam setups.

## 1.3. Using Sensor Sheaths

The Universal Endodontic Holder must always be used with sensor sheaths, which provide an effective 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.

## 1.4. Using Aiming Rings and Arms

Your Universal Endodontic Holder is compatible with other positioning instruments (aiming rings and arms) that you may have purchased previously.

## 2. Procedures

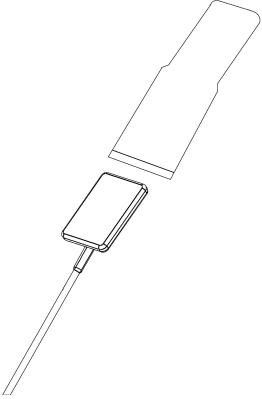
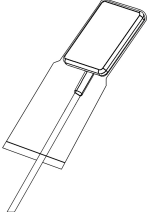

### 2.1. Getting Started

We have supplied specific use instructions for the Universal Endodontic holder in this section, but the first step is common to all holders and sheaths used with wired sensors, as shown below.

### 2.2. Sheath Placement (Wired Sensors)

We have supplied specific use instructions for each holder in this section, but the first steps are common to all holders and sheaths used with wired sensors, as shown below.

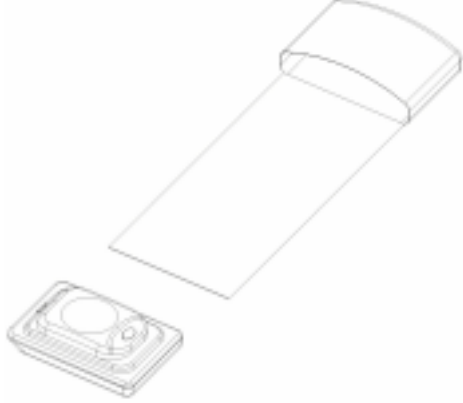


Table 1. Sheath and Universal Endodontic Holder Placement with Wired Sensors

Step	Instruction	Illustration
1.	Select Appropriate Size Sheath for Sensor	 An illustration showing a long, thin, tapered sheath and a rectangular sensor with a thin wire extending from its bottom. The sensor is positioned below the sheath, ready to be inserted.
2.	Place Sheath over Sensor	 An illustration showing the sheath being slid over the sensor. The sensor is partially inside the sheath, and the sheath is being pushed down to cover it.
3.	Position Holder on Sheath (Continue with the Section 2.4 for specific placement information)	 An illustration showing a U-shaped holder being placed over the sheath. The holder has a central opening that will accommodate the sensor and sheath assembly.

## 2.3. Sheath Placement (Wireless Sensors)

We have supplied specific use instructions for each holder in this section, but the first steps are common to all holders and sheaths used with wireless sensors, as shown below.

Table 2. Sheath and Universal Endodontic Holder Placement with Wireless Sensors

Step	Instruction	Illustration
1.	Select the appropriate size Sheath for the Wireless Sensor	 <p>The illustration shows a rectangular wireless sensor with a circular display and buttons. Next to it is a long, thin, rectangular sheath with a rounded end, designed to fit the sensor.</p>
2.	<p>A. Slide the Sensor into the Sheath with the adhesive-side of the white strip and the back of the Sensor facing you.</p> <p>B. Remove the protective layer from the adhesive strip. Fold the sheath around the Sensor, making sure the adhesive side faces the back of the Sensor, holding it snugly.</p> <p>C. Tear the excess length from the Sheath along the perforated seam.</p>	 <p>The illustration shows the sensor being inserted into the sheath. The sheath is partially folded around the sensor, with the adhesive strip visible on the back side.</p>
3.	Position the Holder on the Sheath (Continue with the Section 2.4 for specific placement information)	 <p>The illustration shows a small, U-shaped holder being placed on top of the sheath. The sheath is now folded into a compact, rectangular shape.</p>

## 2.4. Universal Endodontic Holder

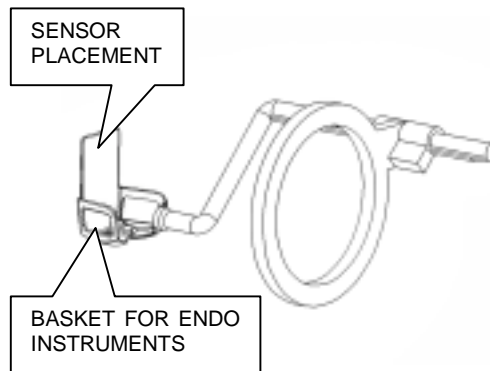
### REFERENCE

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### ILLUSTRATION

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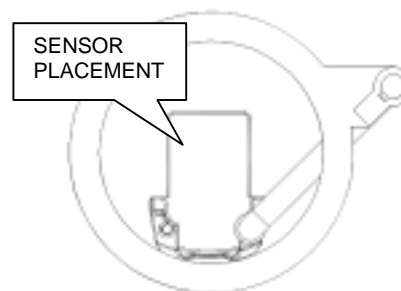


Placing Holder on Positioning Arm

### USAGE

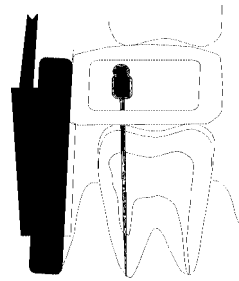
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1. Place the sheath on the sensor, following the steps for either wired (**Table 1**) or wireless (**Table 2**) Sensors.
2. Attach the Holder to a Rinn-type positioning arm. Adjust the Holder for proper positioning, then place the Sensor in the patient's mouth, adjacent to the tooth being imaged. Instruct the patient to bite lightly on the Holder to stabilize it.



Sensor Positioning through Aiming Ring

3. We recommend using the paralleling technique to ascertain the root canal length preoperatively. Measure root lengths directly from the radiograph(s), as this will also help to identify elongated or foreshortened areas in subsequent radiographs.
4. Position sensor in patient's mouth. Make other X-ray head or positioning instrument adjustments as needed. When ready, take X-ray.
5. During the procedure, the Holder's basket windows can be used to provide both physical and visual access to the area under treatment.



Instrument and Sensor Positioning Example

6. Dispose of Holder and Sheath at the end of this patient's exam.

## **3. Service and Reference**

### **3.1. Part Numbers**

When ordering replacement holders, please refer to either the kit or holder numbers provided by an authorized dealer for Schick Technologies products.

In the United States, Schick Technologies products are available exclusively through Patterson Dental Supply, Inc. Call your Patterson representative, local Patterson branch, or 1-800-873-7683 for more information. For Government Sales, call 1-877-724-4251. Other customers please contact the authorized dealer for Schick Technologies products in your country or region.

### **3.2. Product Support and Service**

In the event you have questions about your holder or require assistance from us, please contact your local distributor for our products in the United States, or the authorized international dealer for Schick Technologies products in your country or region.

### **3.3. Recommended Date of Use**

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

### **3.4. Recommended Storage Conditions**

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