R.S. Barrier™

LATEX 088-089 (BLUE) NON-LATEX 088-088 (WHITE)

1. To Apply: Barrier **(Fig.1)** will accommodate all sensor sizes. Slide sensor toward end of barrier until snug fit is achieved.

Fig.1

2. Using With Wingers™ Holders: When using with Wingers™ Holders, leave some excess barrier **(Fig.2)** at the closed end to allow for stretching of barrier and easy slide on of the holder.

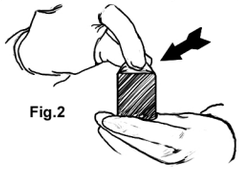


Fig.2

Bitewings

WINGERS-H (HORIZONTAL, PINK, 088-026 SM./088-024 LG.)
WINGERS-V (VERTICAL, GREEN, 088-036 SM./088-038 LG.)

1. To Apply: Slide a sensor into either bitewing and center **(Fig.3)**, exposure side of sensor facing arrowed edges on holders. User will need to experiment with the Vertical bitewing holder regarding cable in the "up" or "down" position as image will vary with different types of sensors.

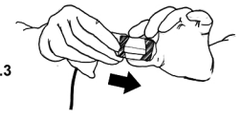


Fig.3

2. Placement: Place in patients month mid-tongual **(Fig.4)** with bitewing horizontal to the occlusal plane. Patient should bite on wing.

Fig.4

***TIP:** If Patient bites on cable, move cable to an area of the mouth **(Fig.5)** where it can easily exit the teeth.

Fig.5

Anterior Holder

WINGERS-A (ANTERIOR, PURPLE, 088-028 SM./088-030 LG.)

To Use With Hemostat:

1. To Apply: Slide sensor into holder pocket, exposure slide **(Fig.6)** facing bite bars located on one slide of holder.

Fig.6

2. Hemostat Use: A hemostat can be clipped into the channel **(Fig.7)** provided on either "bite bar" for in mouth positioning.

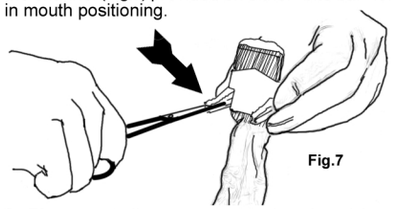


Fig.7

3. Placement: Sensor can now be placed in a multitude of positions in the mouth. Ample room is provided between bite bars on the holder **(Fig.8)** for placement of Endodontic files or rubber dam.

Fig.8

To Use With Anterior Bar & Aimer Ring:

ANTERIOR BAR (PURPLE, 088-040)
AIMER RING (WHITE, 088-044)

1. Place Sensor In Holder: Place sensor in holder, sensor should be centered in holder. Use center line on holder to help center sensor **(Fig.9)**.

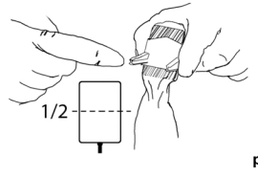


Fig.9

2. Apply to Bar: Slide Anterior holder into the pronged teeth at the "TOP" of the Anterior Bar **(Fig.10)** (accomodates small and large holders)

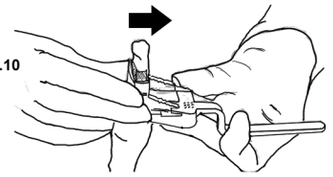


Fig.10

3. Aimer Ring Placement: Slide Aimer Ring onto bar, Place sensor wire in the either hook located at base of Aimer Ring **(Fig.11)**.

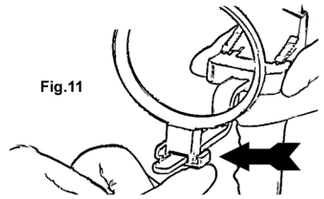


Fig.11

4. Placement: Place sensor behind anterior teeth, patient should bite on "pebbled bite surface" provided on bar. Depending upon patient bite, a cotton roll may be needed for proper positioning. To obtain images of the lower anterior teeth, inverter bar and ring **(Fig.12)**.

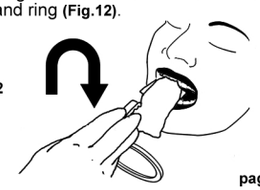


Fig.12

Posterior Holder

WINGERS-P (POSTERIOR, PEACH. 088-032 SM./088-034 LG.)

Use With Hemostat:

1. To Apply: Slide sensor into holder, exposure side facing arrowed edges. Center sensor in holder **(Fig.13)**.

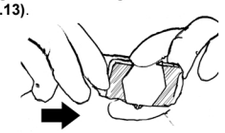


Fig.13

2. Hemostat Use: A hemostat can be clipped on to the side "clip bar" provided on the holder **(Fig.14)**.

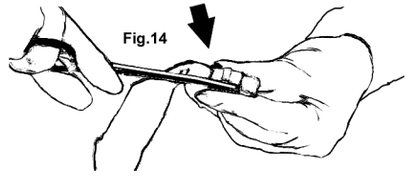


Fig.14

3. Placement: Sensor can now be placed in a multitude of positions in the mouth **(Fig.15)**. Endodontic procedures can easily be performed with dam, etc..

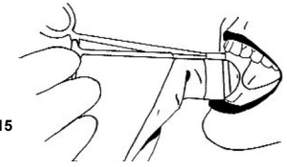


Fig.15

To Use With Anterior Bar & Aimer Ring:

POSTERIOR BAR (PURPLE, 088-042)
AIMER RING (WHITE, 088-044)

1. Posterior Bar: The Posterior bar is "T" shaped, this single bar will provide all of your Posterior placements. The Bar is lettered for each shot; "LL" is Lower Left; "LR" is Lower Right; "UL" is Upper Left and "UR" is Upper Right **(Fig.16)**.

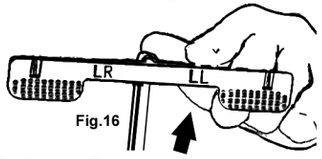


Fig.16

2. To Apply: Place sensor in holder, do not center, make sure sensor is flush even with holder edge where cable exits **(Fig.17)**.

Fig.17

3. Sensor in Bar: Slide short rail provided on narrow side of holder **(Fig.18)** into slot on either side of Posterior Bar depending upon which image is desired. Sensor and holder should stop at edge of "Pebbled Bite Surface".

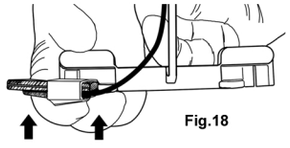


Fig.18

4. Center Sensor In Bar: Slide sensor over into pocket between "Pebbled Bite Surface" and "Back Tab Support" **(Fig.19)**.

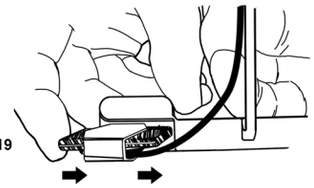


Fig.19

5. Excess Space: If you are using an extremely thin profile sensor and there is excess space between the "Back Tab Support" and the holder, slide the sensor back until it is snug against the "Back Tab Support" **(Fig.20)**.

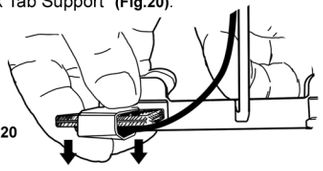


Fig.20

6. Aimer Ring Placement: Slide Aimer Ring on to side of bar from which image will be captured. Sensor cable can be placed in hook provided on either side of Aimer Ring **(Fig.21)**.

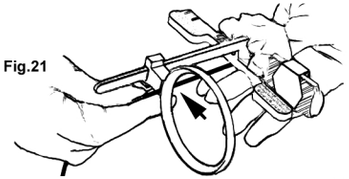


Fig.21

7. Placement: Sensor on Posterior Bar should be placed in the middle of the patients mouth. Patient should bite on "Pebbled Bite Surface". Bar should be at approximate angle shown in **Fig.22**.To obtain shots of lower teeth, Do Not move sensor or holder, simply invert Posterior Bar.

Fig.22

*IMPORTANT

8. To Place Sensor On Opposite Side Of Posterior Bar: To obtain shots from the opposite side of the Posterior Bar, remove holder from bar. Remove sensor from holder. Turn sensor around 180 degrees **(Fig.23)** so that cable is facing the opposite direction. Insert sensor into holder and return holder to Posterior Bar on the opposite side. Move Aimer Ring to opposite side. Sensor cable should now lead back to center of bar and Aimer Ring.

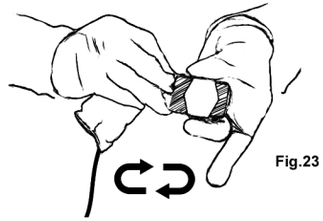


Fig.23

Smoothies™

SMOOTHIES (WHITE/BLUE PRINT 088-046)

1. Placement: Smoothies™ can be placed anywhere that you may need some extra padding for maximum patient comfort. Try Smoothes™ on top of the sensor while producing anterior images **(Fig.24)**, many patients find this one of the more uncomfortable shots. Smoothies™ have been designed just the right size for digital sensors, thus minimizing patient "Gag" reflex.

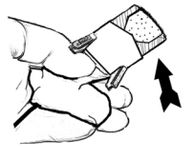
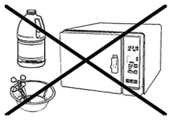


Fig.24

Sterilization

AIMER RING AND BARS ARE STERILIZABLE: Use cold sterliants, rinse thoroughly. Heat sterilize Maximum 105 C.

Wingers Holders are disposable, single use only. WARNING: WINGERS HOLDERS ARE NOT DESIGNED FOR STERILIZATION. HEAT WILL MELT THE HOLDERS, LIQUID STERILANTS MAY BE ABSORBED BY THE HOLDERS. MANY LIQUID STERILANTS ARE TOXIC AND CORRISIVE TO HUMAN TISSUE!

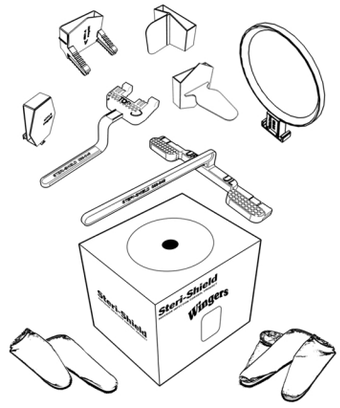


Steri-Shield® ©2003 Pat. Pend.

Wingers™

Positioning System For Digital X-Ray

USE INSTRUCTIONS



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