stomdevice

TrollByte Plus



Manual



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TrollByte Plus shall only be used as a holder for dental x-ray. The manufacturer and its dealers are not liable for any other use of the product.

TrollByte Plus is available in several sizes to fit different sensors, image plate or film.The user is responsible for the selection of size and model.



Always use a sensor cover to protect the sensor while taking x-rays.

Clean prior to first use.

Procedures to clean the product:

- Spirits
- Dishwashing machine/disinfector
- Autoclave

Autoclave procedure

All included parts are autoclavable and shall be autoclaved separately.

Pre-programmed sterilization cycles according to the manufacturer of the autoclave. Max temperature 134°C (273°F). Place in the middle tray of the autoclave, away from autoclave walls and heating element..

Caution: If pressure or weight from other objects or instruments is applied during autoclaving, the holder may be deformed. Minor deformations can easily be corrected by gently reshaping the holder.

Please note: Any method of sterilization will shorten the life span of plastic parts.

Warranty

TrollByte Plus is manufactured from high a grade polymer. Plastic parts have a limited life span and should be replaced periodically.

Warranty Period for all TrollByte Plus sensor holders, under normal use, is limited to 12 months from delivery, or 75 autoclave cycles, whichever occurs first.

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TrollDental

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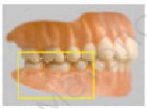
Maxillary Central Incisor
Maxillary Lateral Incisor
Maxillary Cuspid
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Mandibular Central Incisor
Mandibular Lateral Incisor
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Maxillary Molar
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Horizontal Bitewing
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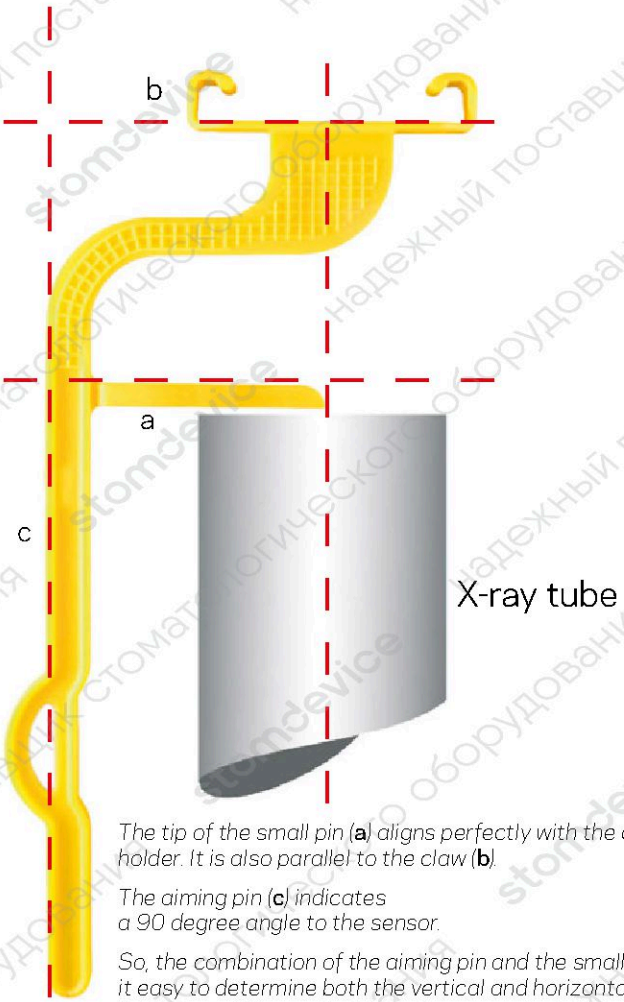
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Basic alignment features.



*The tip of the small pin (**a**) aligns perfectly with the center of the holder. It is also parallel to the claw (**b**).*

*The aiming pin (**c**) indicates a 90 degree angle to the sensor.*

So, the combination of the aiming pin and the small pin makes it easy to determine both the vertical and horizontal position of the sensor. This applies when the sensor is centered, as in bitewing images. When capturing anterior and posterior periapical images, it is advised to use an aiming ring.

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YELLOW

TrollByte Yellow
For upper and lower molar and premolars. Can also be used for horizontal bitewing.

BLUE

TrollByte Blue
For anterior periapicals and vertical bitewings.

RED

TrollByte Red
For horizontal bitewings.





You can finely adjust the tension.
The adjustable range is quite wide as you can see in these pictures

Aiming ring



The color markings on the ring are linked to the color of the holder. That makes it easy to put the ring in the correct position.





Mount the ring on the holder as shown in the picture,the dots facing the sensor. You can slide the ring along the holder.

Bite block



You will need a bite block for all anterior periapical images. The bite block works as an extension of the biteplane and allows you to place sensor as posterior as possible.





Place the bite block on the holder by sliding it over the biteplane and small alignment pin of the holder.

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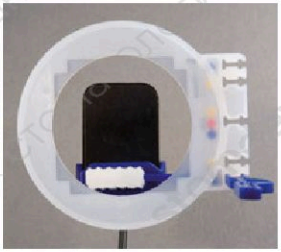


Maxillary Central Incisor
Maxillary Lateral Incisor
Maxillary Cuspid

You will need a bite block for all anterior periapical images. See page 5 for assembly instruction.



Position for the ring, dots facing the sensor.



To use the most of the sensor´s effective image area, move the sensor further in an apical direction.



The sensor should be placed as high as possible as shown in this picture. The bottom edge of the sensor aligns with the midline of the claw.



Ready for use. The bite block allows you to position the sensor as posterior as possible.



Put the sensor in place.



The ring shows the position of the sensor. It also has guidance markings for centering a square or a rectangular x-ray tube.



Align and center the x-ray tube on the aiming ring and capture the image.

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Mandibular Central Incisor
Mandibular Lateral Incisor

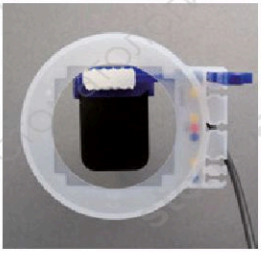
BLUE





You will need a bite block for all anterior periapical images. See page 5 for assembly instruction.

Position for the ring, dots facing the sensor.



To use the most of the sensor's effective image area, move the sensor further in an apical direction.



The sensor should be placed as low as possible as shown in this picture. The top edge of the sensor aligns with the midline of the claw.



Ready for use. The bite block allows you to position the sensor as posterior as possible.



Put the sensor in place.



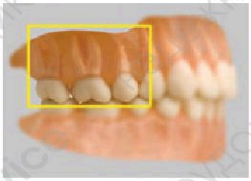
The ring shows the position of the sensor. It also has guidance markings for centering a square or a rectangular x-ray tube.



Align and center the x-ray tube on the aiming ring and capture the image.

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Maxillary Molar



Position for the ring, dots facing the sensor.



To use the most of the sensor´s effective image area, move the sensor further in an apical direction.



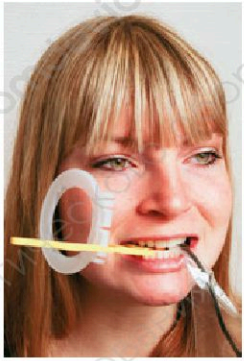
The sensor should be placed as high as possible as shown in this picture. The bottom edge of the sensor aligns with the midline of the claw.



Ready for use.



Put the sensor in place.



The ring shows the position of the sensor. It also has guidance markings for centering a square or a rectangular x-ray tube.

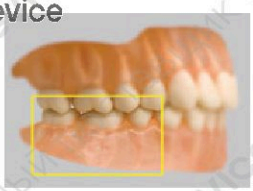


Align and center the x-ray tube on the aiming ring and capture the image.

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Mandibular Molar

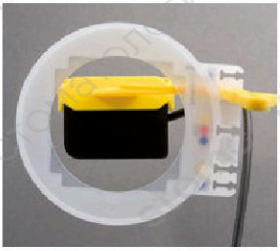
YELLOW





Position for the ring, dots facing the sensor.

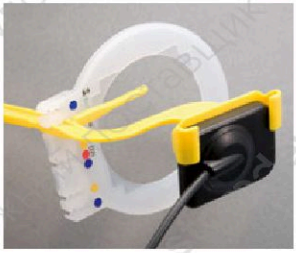




To use the most of the sensor's effective image area, move the sensor further in an apical direction.



The sensor should be placed as low as possible as shown in this picture. The top edge of the sensor aligns with the midline of the claw.



Ready for use.



Put the sensor in place.



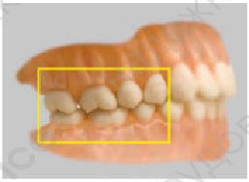
The ring shows the position of the sensor. It also has guidance markings for centering a square or a rectangular x-ray tube.



Align and center the x-ray tube on the aiming ring and capture the image.

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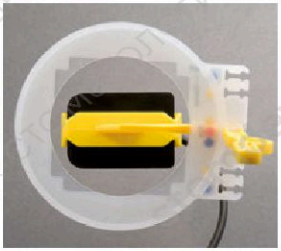




Horizontal Bitewing



Position for the ring, dots facing the sensor.



Center position.



Position the sensor in the middle.



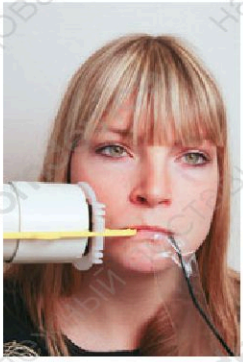
Ready for use.



Put the sensor in place.



The ring shows the position of the sensor. It also has guidance markings for centering a square or a rectangular x-ray tube.

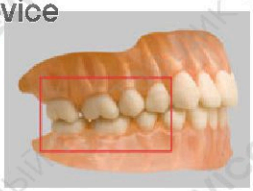


Align and center the x-ray tube on the aiming ring and capture the image.

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Horizontal Bitewing

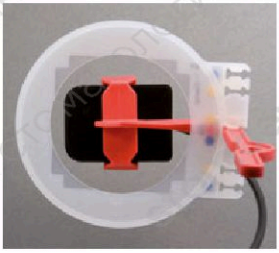
RED







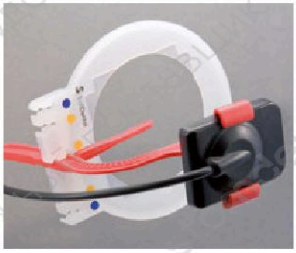
Position for the ring, dots facing the sensor.



Center position.



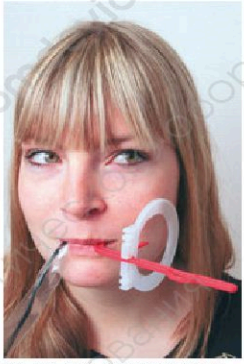
Position the sensor in the middle.



Ready for use.



Put the sensor in place.



The ring shows the position of the sensor. It also has guidance markings for centering a square or a rectangular x-ray tube.



Align and center the x-ray tube on the aiming ring and capture the image.

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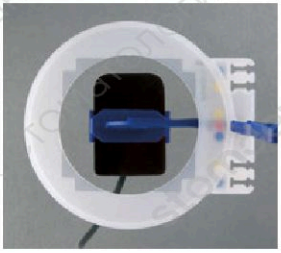




Vertical Bitewing



Position for the ring, dots facing the sensor.



Center position.



Position the sensor in the middle with the cord down.



Ready for use.



Put the sensor in place.



The ring shows the position of the sensor. It also has guidance markings for centering a square or a rectangular x-ray tube.



Align and center the x-ray tube on the aiming ring and capture the image.

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