The TruView Digital Sensor Positioning Device produces images of high diagnostic quality with a minimal number of exposures. It is both easy to use and to teach to auxiliary staff.

TruView
PSP / Film or Digital Positioning Device

The TruView Digital Sensor Positioning Device was created by Sydney Australia endodontist Dr Steven Cohn. Clinicians familiar with the original and popular Snapex radiography system also designed by Dr. Cohn will find the same friendly features with the TruView device.

The TruView is indicated for all digital sensor systems in every clinical situation including endodontic working images with rubber dam.

The TruView consists of four components. All of the components may be autoclaved (Fig 1).

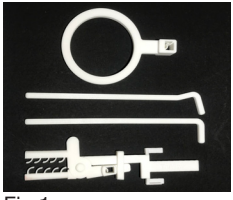
Fig 1

- 1 digital sensor holder for all anterior & posterior images.
- 1 aiming ring.
- 1 90° angle rod used for parallel technique images.
- 1 105° angle rod used for the modified paralleling technique in the maxillary posterior area & for all posterior endodontic images.

CLINICAL USAGE

Maxillary anteriors with the paralleling technique.
Use the straight portion of either rod to align the aiming ring (Figs 2 & 3).

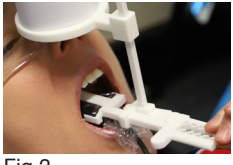
Fig 2


Fig 3

Mandibular anteriors. The digital sensor can be in the same plane (Fig 4) or at 90 degrees to the holder (Fig 5). With a narrow arch size 1 is suggested for comfort and to avoid a distorted image.


Fig 4


Fig 5

Posterior images
For correct alignment the aiming rod and ring are **always** set up on the **same side** as the digital sensor (Figs 6 and 7)

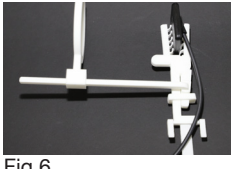
Fig 6

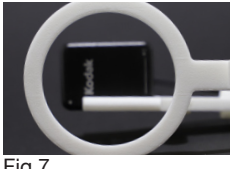
Fig 7

Only two set ups are necessary for all posterior images.
For example, when the maxillary right set up is rotated 180 degrees it will be correct for the mandibular left (Figs 8 and 9)


Fig 8


Fig 9

For posterior images the extension of the biting table **always** faces the patient's cheek (Figs 10-11).
This is particularly important for **endodontic images** to allow the holder to fit around the rubber dam clamp (Figs 12-13).


Fig 10


Fig 11

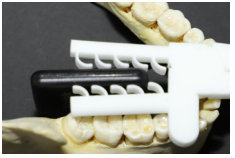
Fig 12

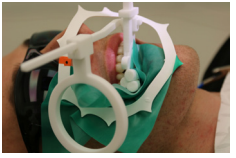
Fig 13

For all posterior images the patient must close **firmly** on the holder. The holder must be **parallel to the occlusal plane** to achieve a complete & accurate image. Use single or multiple **cotton rolls** between the holder and the opposing teeth to correct for major occlusal discrepancies (Fig 14).

Three cotton rolls held together with autoclave tape **forming a triple cotton roll** is recommended.


Fig 14

For endodontics use the **triple cotton roll** to allow space for the file handles. The Ostby rubber dam frame, pictured, is recommended. The rubber dam can be partially removed to the midline creating a "window" in the rubber dam and allowing an unobstructed view of the file handles when aligning the Truview (Figs 15-17).


Fig 15


Fig 16

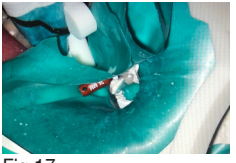
Fig 17

The fixed position of the holder allows for accurate horizontal and vertical angulation changes using the same reference point that can be repeated during treatment or in the future to assess the results of endodontic and implant procedures, etc. (Figs 18-20).


Fig 18
No horizontal shift


Fig 19
Mesial horizontal shift


Fig 20
Distal horizontal shift

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One Dental Pty Ltd
Unit 8 / 9 Packard Avenue
Castle Hill NSW Australia 2154
P: (02) 9634 3443 F: (02) 9634 8661
E: sales@onedental.com.au

Recommended cleaning and sterilization procedures
for the TruView PSP/Film or Digital Sensor Positioning Device

1. Disinfect hands. Put on disposable gloves and proper protective gear. Disassemble the device. Inspect for any damage. Transport to the designated area for instrument cleaning, disinfecting and sterilizing.

2. Remove debris from components by manual cleaning with the aid of an ultrasonic machine and/or mechanically clean using an automated washer disinfector.

3. Inspect components for cleanliness and function. Put components in sterilization pouches. Plastic parts must be in a separate pouch and not touch metal instruments or other materials to avoid melting, warping or staining.

4. Place all the components in the steriliser following the manufacturer's Instructions for use. Sterilise as per the Australian Standard requirements of 134-136 degrees C for a minimum of 3 minutes.

DO NOT use phenol-based glutaraldehyde.
DO NOT CHEMICLAVE or DRY-HEAT STERILIZE.
DO NOT cold sterilize.

Note: Plastic parts have a limited life and should be replaced periodically. Any method of sterilization will shorten the life of plastic parts.

Australian Dental Association Guidelines for Infection Control (Ed. 3) 2015 pages 16 and 32
AS/NZS 4187:2014 *Reprocessing of reusable medical devices in health service organisations.*
AS/NZS 4815:2016 *Office-based health care facilities – Reprocessing of reusable medical and surgical instruments and equipment, and maintenance of the associated environment.*