

REXTAR-X



Compact and Light

Light weight and it is convenient to carry it anywhere.



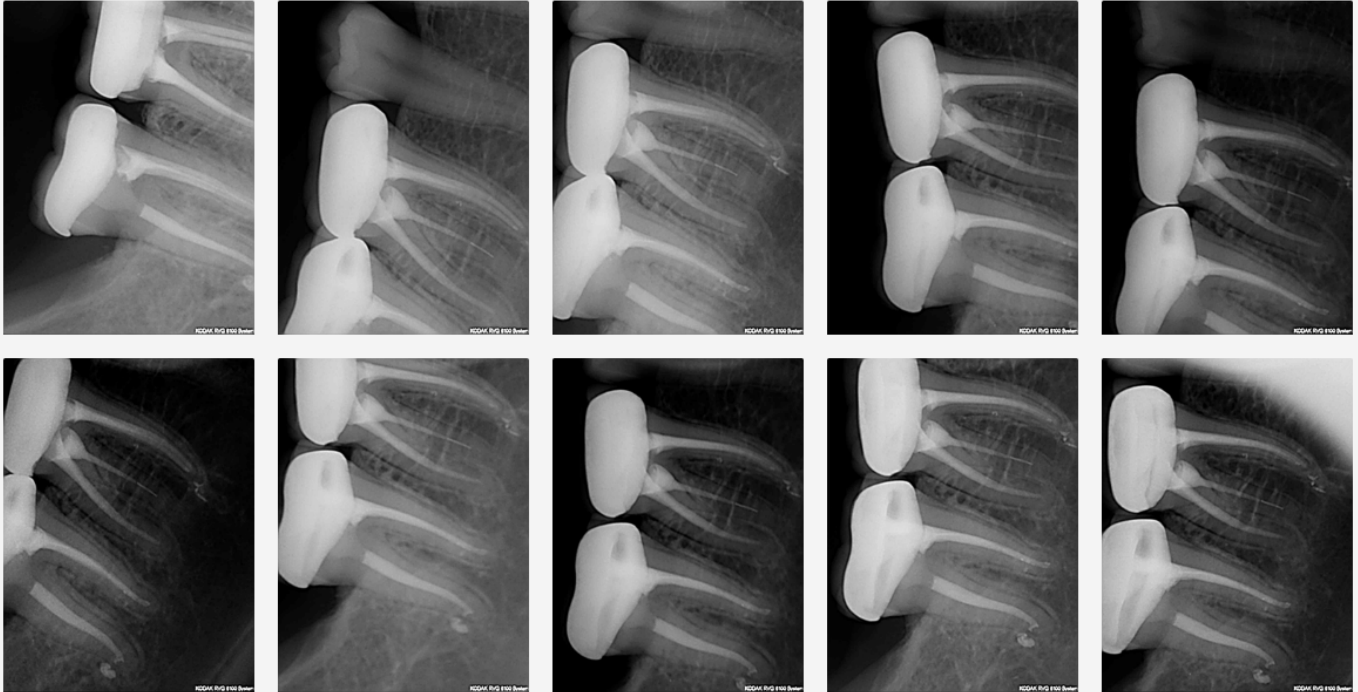
Powerful Protection

Ensuring operator's safety from radiation leakage.

QUALITY

Aid to Diagnose

Clear X-ray image is obtained while decreasing the radiation dose



PACKAGE CONTENTS



EASY TO USE



Power on

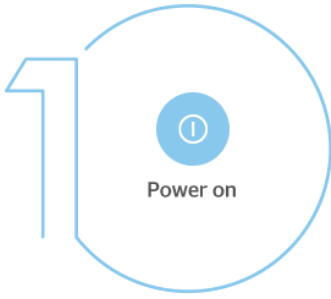


Select Case 1 ~ Case 4



Press X-ray Exposure button

To make an X-ray, 3 steps are enough



YOUR SAFETY, OUR PRIORITY



50mSv



2.4mSv



0.2mSv



0.1mSv



0.00005mSv

SAFETY



We always think first your safe dental practice

**400,000
EXPOSURES A YEAR
=20 mSv
SO IT IS SAFE**

POINT	S1.0 sec / 5,200 exposures a year
TOP (A)	0.3 mSv
LEFT (B)	0.4 mSv
RIGHT (C)	0.3 mSv
BOTTOM (D)	0.2 mSv
BACK (E)	0.1 mSv
AVERAGE	0.26 mSv

**** Test condition**

- 1.0 second
- Distance : (A), (B), (C), (D) - 50cm/(E)
- 108cm behind of REXTAR-X

**** Note : Occupational dose limit per year (UK or European standard) = 20 mSv**

SPECIFICATION

Contents		Specification
Exposure time (sec)		0.01~1.30 sec (43 steps)
X-ray Tube	Model	Canon D - 041
	kV & mA	70kV & 2mA
	Focal Spot	0.4mm
Total Filtration		1.5mm AL Eq.
Weight		1.97kg

HANDY

Anytime, Anywhere · Light Weight · Easy to Use



Dental Clinic

Free from the X-ray room



Ambulance

Don't let the Golden Time pass by



Field Hospital

Save your patriots lives



Veterinary Hospital

Take care of your lovers



Forensic Science

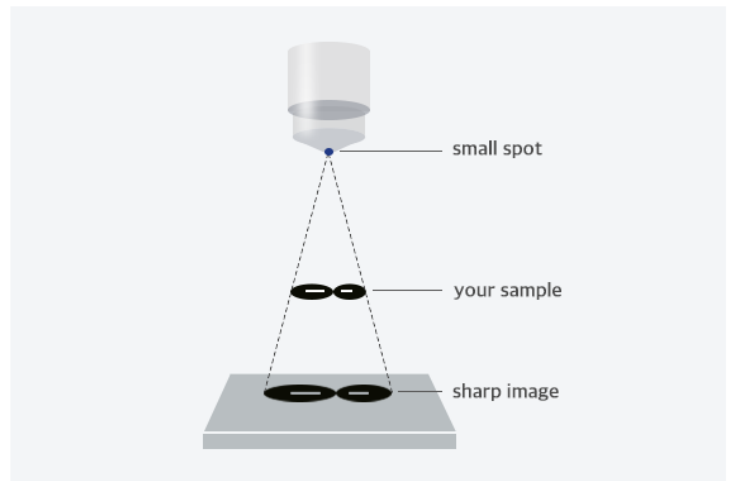
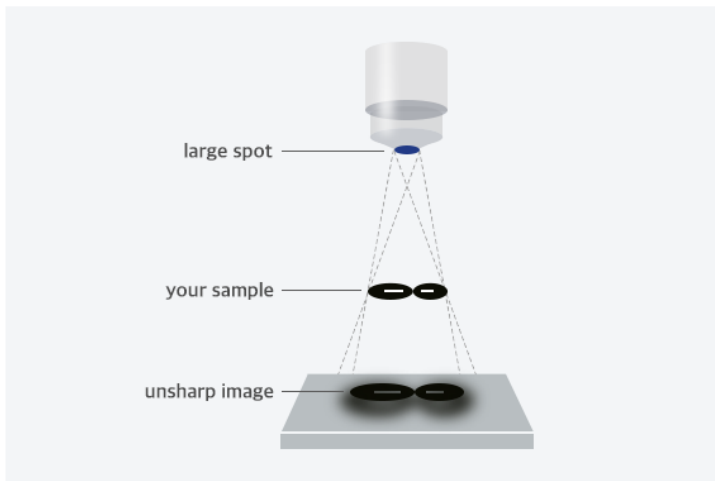
Find the Truth



Industrial Inspection

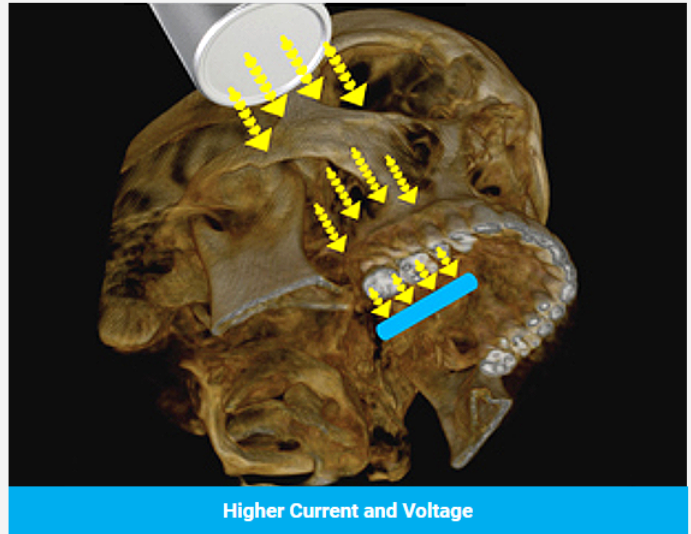
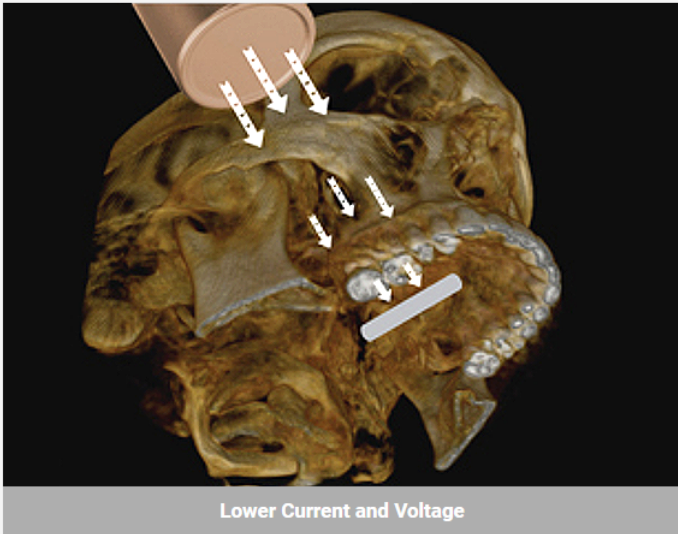
Inspect invisible defect

FOCAL SPOT



- ✓ Focal spot size is very important in any X-ray.
- ✓ Smaller focal spot with a smaller angle degree can provide the sharpest image.
- ✓ Because of a smaller divergence angle of X-ray beams, make edges of the image on the detector more accurate.
- ✓ Higher contrast and density of dental X-ray images by using a focal spot of 0.4 mm compared to 0.8 mm focal spot portal X-ray devices.

CURRENT & VOLTAGE



✔ Current

- Current is a flow of electric charge which means the quantity of electric charge.
- In order to get a clear image, the current of the Tube is also an important factor.
- Moderate quantity of X-ray beams help to capture a more clear image.

✔ Voltage

- Tube voltage is the power of penetrating the bone.
- Powerful voltage helps you obtain a high resolution X-ray image.
- The main advantage of a powerful voltage is to eliminate blurred and unclear images.

The best Tube quality of REXTAR X easily penetrates the bone and provides the superior x-ray images.