NEW
TECHNOLOGY
INNOVATIVE
PSP SCANNER

CRUXELL
DENTAL IMAGING



CRUXCAN PSP Scanner

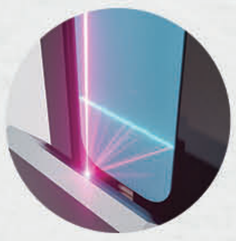
A small, light and compactly designed scanner

CRUXCAN has designed as a user-friendly scanner. CRUXCAN is a small and light so it can be set up in small-sized dental clinic efficiently. CRUXCAN has a 4-inch LCD touch screen as a high-end device. It provides to show the largest preview image. The touchscreen offers quick and easy access to features. CRUXCAN comes in two colors as white & gray, allowing you to choose according to your preference. Moreover, ethernet cable enables rapid image transfer from scanner to pc. We developed a CRUXCAN as a simple, fast, and easy way to diagnosis for the patient image on Chairside.

Differentiate from existing PSP scanner

CRUXCAN has invested lots of time in technology development to realize a design that is different from existing PSP scanners. Using a semiconductor element (MPPC) other than a vacuum tube(PMT), we succeeded in miniaturizing and lightening products. Differentiated image quality enables the accurate imaging of patients. Imaging plate consists of 4 types as Size 0,1,2,3. Imaging plates are reusable. Diagnose patient teeth with easy-to-use imaging plates.

Technology for Performance



MPPC sensor for high image quality



Magnet rail system for anti vibration



Technology for Convenience



4 inch touch screen



Internal IP eraser

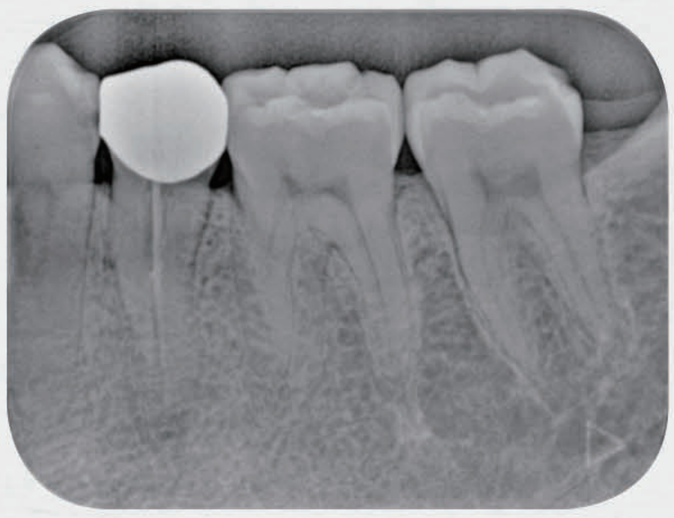


Ethernet and Power

Acquire x-ray image from Imaging Plate

Get diagnosed with a clear image with flexible IP

Flexible, soft imaging plate provides for a comfortable intraoral setting. A total of 4 Size IPs allows you to photograph various dental areas or dental sizes.CRUXCAN can output image quality in SR/HR mode. Because you can achieve clear quality in all modes, you can use it conveniently without worrying about the quality setting.

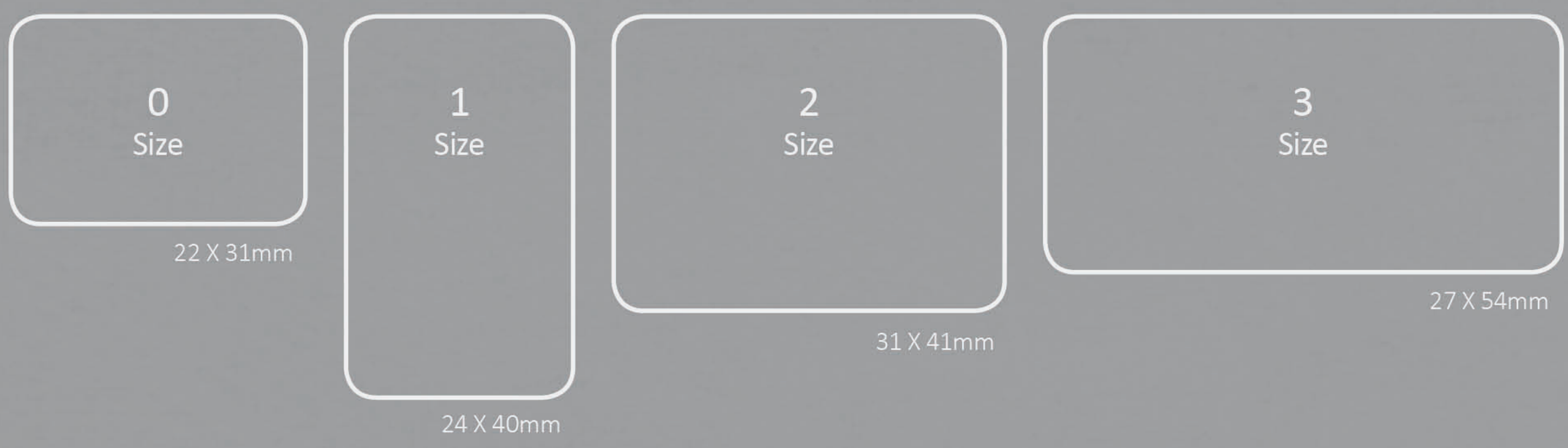


SR / Super Resolution



HR / High Resolution

Imaging plates



CRUXVIEW SOFTWARE

Convenient and Easy software

- Economical- Build at minimal cost (regular pc available)
- Scalability- DICOM 3.0 compliant, modular design makes it convenient for future expansion
- Convenience- Easy and intuitive user interface for easy editing
- Support FMS (Full mouth series)
- Support various layout to compare and read different images
- Support various image adjustment functions- Invert, Rotation, Zoom In/Out, Annotation (line, angle, magnifying glass)
- Support external image import function
- Support modification and deletion of Study and DICOM information
- Support CD print (paper, film)
- Support multi-language (Korean and English, future languages will be supported in other countries)

CRUXVIEW with a wide range of options and convenience

The bundled software can be deployed on a PC for minimal cost and can be edited easily with an active user interface. Other features such as PACS link, DICOM print, and more are available for use-friendly programs.



Work flow with CRUXVIEW

CRUXVIEW, powerful software technology

Beyond traditional, convenient features, CRUXVIEW supports PACS system.

You can customize it for any environment in the hospital. Also, use more efficiently and comfortably with user-friendly features.



CRUXCAN
(CRX-1000)

Scanning with CRUXCAN
Scanned image is stored on memory card

CRUXVIEW console

CRUXVIEW console
- Acquire Image
- CRX-1000 mode setting

CRUXVIEW viewer

CRUXVIEW viewer
- Diagnosis Image
- Exporting Image(JPEG, BMP, DICOM etc.)
- CD burn
- DICOM Print

CRUXVIEW server

CRUXVIEW Server
- Save Image
- Save Patient Information

Make more accurate diagnosis with clear image quality with CRX-1000



CRX-1000 Specification

Supported IP	Size 0 / 1 / 2 / 3
Resolution(lp/mm)	SR:20 / HR:10
Display	4” Touch Screen
Interface	Ethernet
Multi-user Practices	Yes
Sleep Mode	Yes
Weight(kg)	3.3
Dimensions(H x W x Dmm)	233 x 141 x 191.5

405, Migun techno World ll, 187, Techno 2-ro,
Yuseong-gu, Daejeon, Republic of Korea

Tel. +82-42-935-2554 / Fax. +82-42-931-2554
E-mail. info@cruxell.com / **www.cruxell.com**

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