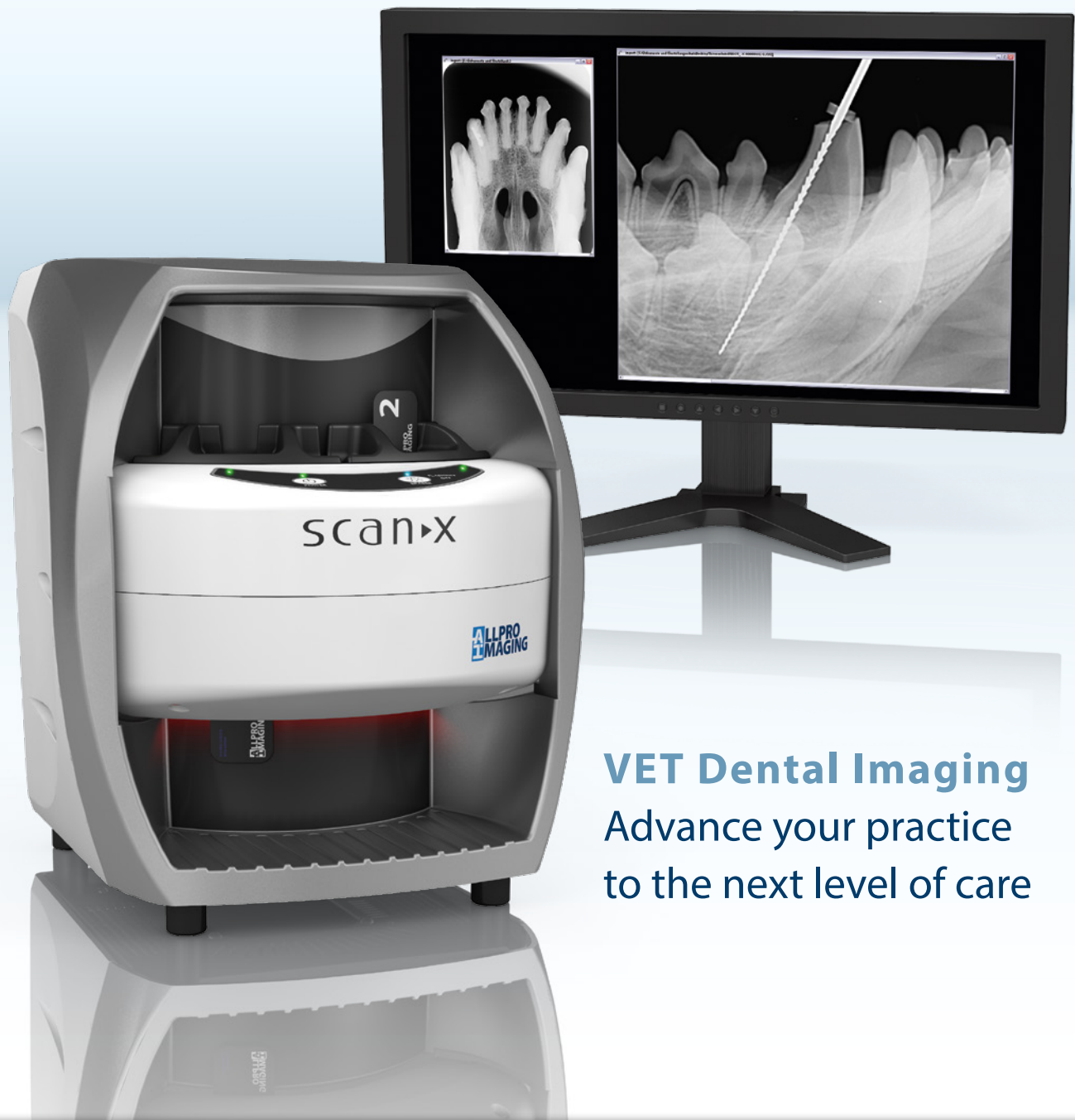


# scan>x duo

— COMPUTED RADIOGRAPHY SYSTEM —



**VET Dental Imaging**  
Advance your practice  
to the next level of care

## WHAT IS CR? HOW DOES IT WORK?

### Basics

Computed Radiography (CR) provides digital replacement of conventional analog X-ray film while maintaining the practice's existing workflow. This solution is more eco-friendly and reduces the time until the doctor has a diagnosable image. In addition, digital images can be shared directly with other users and easily archived.

### Key advantages of CR include:

- IP's are reusable
- No dark room or chemicals required
- Exposure and processing times reduced
- Easy workflow and image optimization with imaging software
- Simple to share and archive digital information

### CR technology consists of a 3-step process

The image plate (IP) is exposed with X-ray radiation, which causes the phosphor layer in the plate to store the latent image.

During the reading process, a focused laser beam in the scanner releases the latent image information stored on the plate in the form of visible light photons.

The emitted light is detected, captured and converted into electrical signals, which are digitized and then displayed as a digital image on the PC monitor.

The internal in-line eraser removes the residual data from the IP, which is then ready for the next exposure.

### Finely Focused Laser

The finely focused laser beam plays a crucial role when high resolution images are needed. To illustrate, imagine trying to draw a fine stroke with a broad brush.

This principle is the same for scanning with a fine laser beam. The finest lesions or fractures are visible only with a tightly-focused laser beam.

### Why CR technology from ALLPRO Imaging?

With thousands of installations worldwide, ALLPRO Imaging is dedicated to providing our customers superior products supported by professional customer relations and expert technical support.

All image plate scanners from ALLPRO Imaging are distinguished by using the finest focused laser beam for scanning in their device class.

- ▶ HIGH RESOLUTION
- ▶ SPECIFICALLY FOR VETS
- ▶ COST REDUCTION
- ▶ IMPROVED WORKFLOW
- ▶ INCREASED EFFICIENCY



#### Benefit

Significant reduction of consumables



#### Acceptance

Perfect image quality – film-like or better



#### VET-specific

Intuitive operation, focused on the veterinary practice



#### Efficient

Workflow tailored to your needs

## IMPRESSIVE FUNCTIONS IN A SINGLE DEVICE

### Increased Practice Productivity

The ScanX Duo's fresh white and polished silver design brings a contemporary look to your practice. A faster scan time delivers a full mouth series in just a couple of minutes and the display illuminates when the system is ready for use and while reading plates.

### Versatile and efficient

ScanX Duo rapidly produces digital, diagnostic quality radiographs in all intraoral dental sizes, 0 through 4, and even size 6. The dual plate scanning capability makes it exceptionally efficient during times of heavy workflow.

### Superb diagnostics

Exceptional diagnostic image quality helps you detect pathologies under the gum that are not visible during a routine exam without radiographs.

▶ ALL DENTAL SIZES

▶ DUAL PLATE SCANNING

▶ SMALLEST FOOTPRINT

### Highest image quality

Delivers 22 line pairs/mm and 1,100 dots per inch.

### Dual plate scanning

ScanX Duo is capable of reading images simultaneously from 2 image plates.

### Cost-effective

Both practical and cost-effective, ScanX Duo will pay for itself in less than a year.

### Image plates

Utilizes reusable, flexible and wire free image plates in all sizes, 0, 1, 2, 3, 4 and 6.





TECHNICAL DATA	SCANX DUO
Dimensions (H x W x D)	12" x 10" x 10.375" / 30.5 x 25.4 x 26.4 cm
Weight	21 lbs / 9.5 kg
Electrical	100 – 240 V +/- 10%, 50 – 60 Hz
Resolution	up to 22 LP/mm (14 µm)
Plate sizes	S0 – S4, S6
Laser classification	Class 1 Laser Product. Compliance with FDA HHS 21 CFR 1040.10 and IEC 60825-1
System includes	Power Cord and USB Cable
IT-Requirements	For requirements refer to <a href="http://www.allproimaging.com">www.allproimaging.com</a>

### SCANX DUO PACKAGES

**Digital Imaging Packages at a glance**

- // Includes ScanX Duo.
- // TigerView or Metron Imaging Software option.
- // Laptop or workstation computer.
- // 8 Size 2 Dental Imaging Plates and Barrier Envelopes, 2 Size 4 Dental Imaging Plates and Barrier Envelopes, 2 Size 0 Dental Imaging Plate and Barrier Envelopes, Dental Plate Transfer Box.
- // Installation and Training Options available.
- // Packages include on-site or remote installation & training.
- // 1-Year Standard Swap Warranty.

### OPTIONAL ACCESSORIES

**Image plates (IP)**

Accept all standard dental size plates and custom size 6.



**Plate guides S0 - S4**

Customizable track control intraoral plate guides for all dental sizes, 0 through 4.



Authorized ALLPRO Imaging Dealer

**ALLPRO Imaging**

1295 Walt Whitman Road  
Melville, NY 11747-3062  
United States

Phone +1 516 433 7676  
Fax +1 516 433 7684

[mail@allpro-imaging.com](mailto:mail@allpro-imaging.com)  
[www.allpro-imaging.com](http://www.allpro-imaging.com)

9922-414 Rev. B  
Technical data subject to change.