

# CR 35 VET

From Equine to Dental • ALL-IN-ONE

The only real  
**ONE-FOR-ALL**  
Scanner



The optimal entry  
into the CR Technology

MADE IN GERMANY

**SVK RÖNTGENTEKNIK**  
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**DÜRR**  
MEDICAL

# CR 35 VET • Discover the advantages of digital radiography

## What is CR? How does it work?

Computer radiography (CR) is the digital replacement of conventional X-ray films, but at the same time, it offers huge advantages.

The CR technology works in 3 steps.

The Image Plate (IP) is exposed with a regular X-ray generator, which causes the IP phosphoric layer within the plate to store the X-ray image.

During the reading process of the plate in the scanner, a focussed laser beam triggers the release of the stored X-ray image data in the form of visible light.

The emitted light is detected and captured, then converted into electrical signals which are digitized and finally displayed as digital images on the monitor of the associated computer.

The internal eraser purges the residual data from the IP, which is then ready for the next exposure.

The digital image can be used directly by other users and can be archived easily. Consumables are almost eliminated and the time to image is reduced considerably.

CR Technology. Good as film, but much more than that.

**▶ Cost Reduction**

**▶ Improved handling**

**▶ Increased efficiency**

### Robust Technology

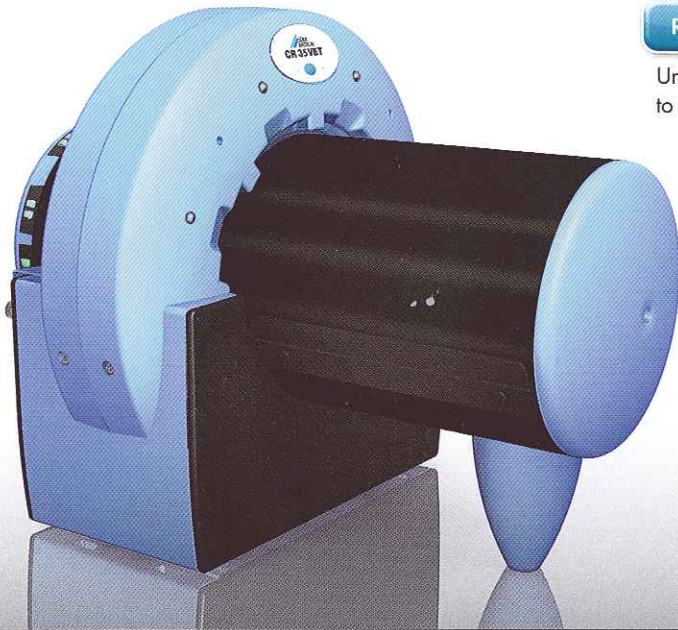
Unrivalled reliability thanks to a few moving components

### Integrated erasing

Immediately after the scan, the plate is ready for the next exposure

### Integration

Quick integration into your practice environment



### Acceptance

Excellent image quality comparable to film or better



### Profit

Short process time, less consumables



### Experience

Technology proven in more than 25.000 units



*hand* **MADE IN GERMANY**

Development and production in Germany

# CR 35 VET • Precise and robust CR Technology in a small package

Proven technology • Already more than 25,000 similar devices sold

The DÜRR patented PCS technology delivers brilliant and high resolution images with 65,536 grey levels (16 bits dynamics range).

The CR 35 VET combines the best mobility, robust design and highest resolution for all applications of an innovative veterinary practice.

The scanner can be used for mobile and stationary work. Perfect results are always guaranteed..

▶ High resolution images

▶ 65.536 grey levels (16 bit)

▶ Reliable diagnosis



## Mobility

Flexible use thanks to an ease of transportability



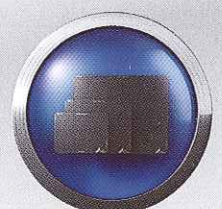
## Fits always

Small design meets highest quality



## Battery Solution

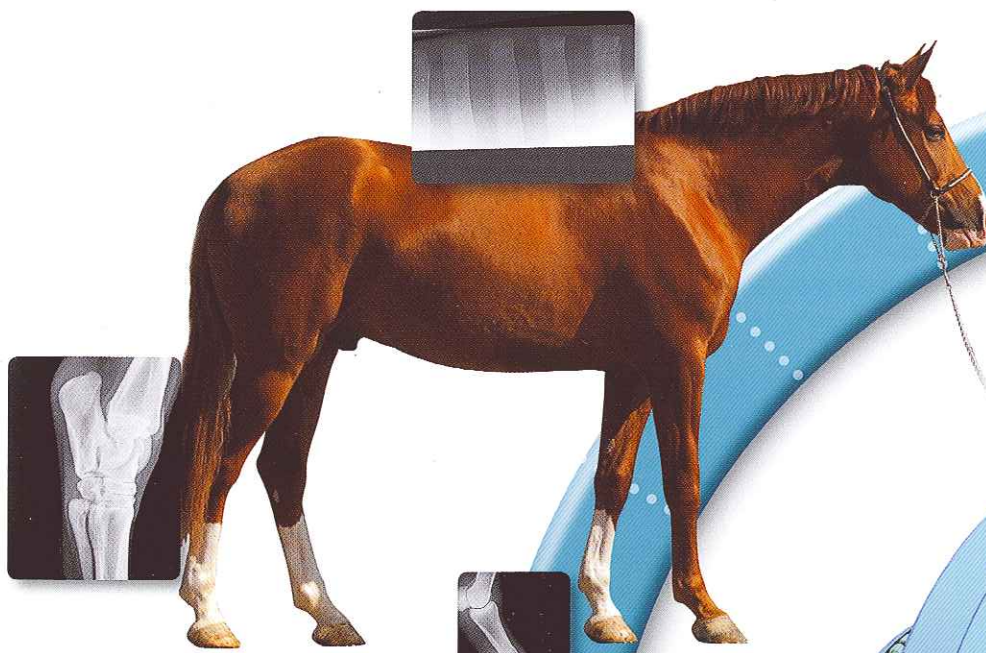
Stand-alone operation via external battery pack



## Plate Sizes

All common formats processable including dental sizes

CR 35 VET • Always the perfect resolution for every individual task



2,5 lp/mm

Horse or similar size

Scans will be made with body part related preset resolution from 2,5 lp/mm to 5 lp/mm

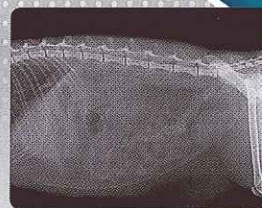
5 lp/mm



10 lp/mm

Dog and Cat

All regular body parts will be scanned with preset resolution between 5 lp/mm and 10 lp/mm



10 lp/mm

# CR 35 VET • The perfect companion for your modern practice

## Why CR Technology made by DÜRR MEDICAL

DÜRR MEDICAL always delivers products tailored in order to perfectly match the individual task.

The CR 35 VET therefore comes with the option to work with different resolutions dependent on the individual animal type and body part.

Thus a CR 35 VET is always the appropriate device, regardless whether you examine a horse, dog, cat, reptile, bird or exotics. Even intraoral images are a matter of course.

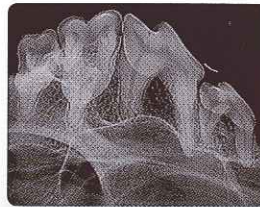
▶ **ISO 9001 certified**

▶ **25,000+ sold worldwide**

▶ **Specific to veterinary**

### Intraoral

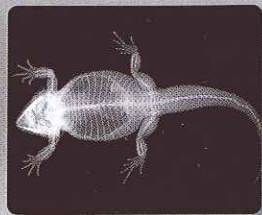
The preset resolution for an intraoral image is always 20 lp/mm



20 lp/mm

### Reptiles, Birds, Gnawer

Due to fine bone structures, scans will be made with preset resolution between 10 lp/mm and 20 lp/mm



**Net-Exam<sup>plus</sup>** • Provides you all you need for your daily work

Experience the simple and fast operation of **Net-Exam<sup>plus</sup>**

We truly understand a veterinarian's daily work and therefore designed **Net-Exam<sup>plus</sup>** carefully to perfectly support you.

The software comes as an ALL-IN-ONE solution, enabling you not only to acquire digital images from the scanner and digital flat panels, but also to make your diagnosis, all required measurements and annotations and it even works like a proper PACS.

**▶ Intuitive operation**

**▶ ALL-IN-ONE solution**

**▶ Individually adaptable**

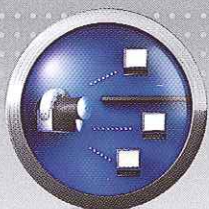
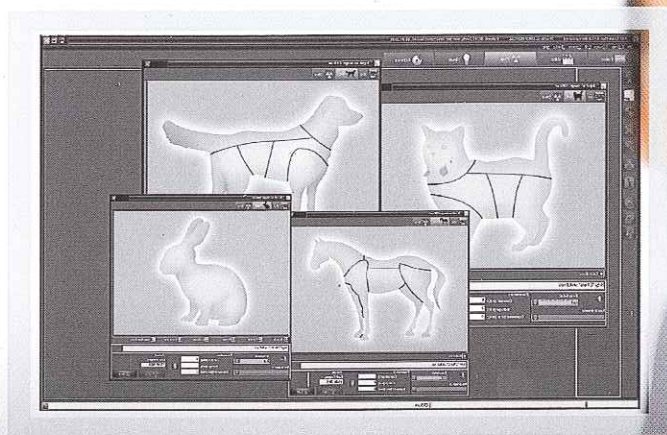
But it offers even more. **Net-Exam<sup>plus</sup>** also supports your video hardware like endoscopes or intraoral cameras and also your ultrasound unit. For marketing purpose, it even allows you to produce individually adapted reports with your practice logo and style.

DICOM functionality is of course self-evident as well as an interface to almost every practice management software.

To ease the workflow, we realized the fully automatic image optimization for quick and perfect results, according to your personal preference.

Manual optimization remains always possible.

**Net-Exam<sup>plus</sup>** • Software - easy as you expect.



**Network/Single Station**

Easy connect  
via USB



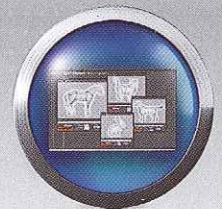
**Intelligent**

Adjustable individually  
according to your preference



**Resolution**

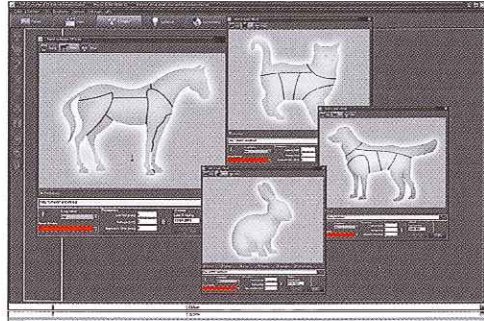
Pixel size selectable from  
2,5 lp/mm to 20 lp/mm



**Net-Exam<sup>plus</sup>**

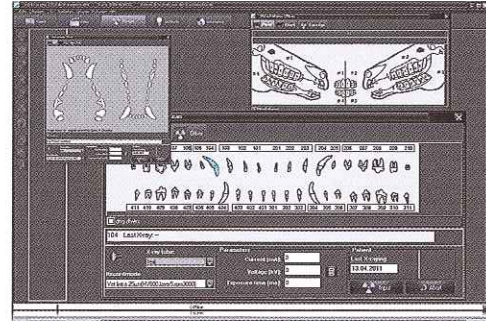
The ALL-IN-ONE  
software

 et-Exam<sup>plus</sup> • Fast, easy and efficient achievement of perfect results



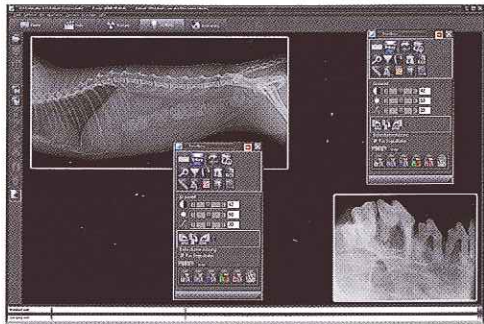
**Simple and intuitive body part selection**

The software will guide you, based on the patient's race. Just select the relevant body part and choose from the options displayed.



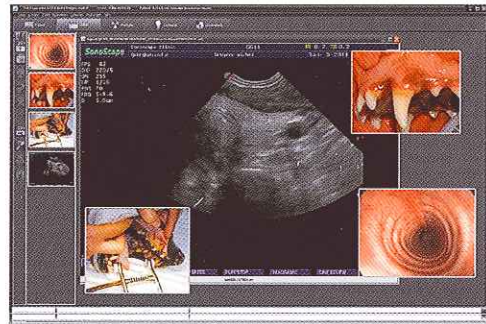
**Full tooth maps for the majority of animals**

The software comes with a complete set of tooth schemes for easy and fast selection of the desired single tooth or group of teeth.



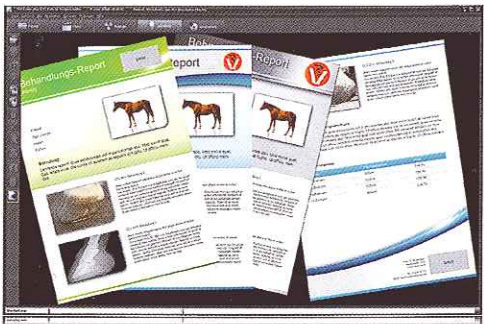
**Filtering as preset or as you like - at any time**

Images always show up perfectly filtered, according to the chosen body part or tooth scheme. However, individual filtering remains possible at all times.



**Video module always incorporated**

Simply add images from your digi-cam, endoscope, intraoral cam or even from your ultrasonic device for further reporting and marketing use.




**Report generator - Sales accelerator**

Choose your free template or get an individual one designed for you and start using it for marketing. Advertise while reporting details of the treatment.




**Network license and PACS functionality**

Review and diagnosis where you want. Forget about purchasing additional PACS!  et-Exam<sup>plus</sup> does all you need **at no extra cost!**

# CR 35 VET • The optimal entry into the CR Technology

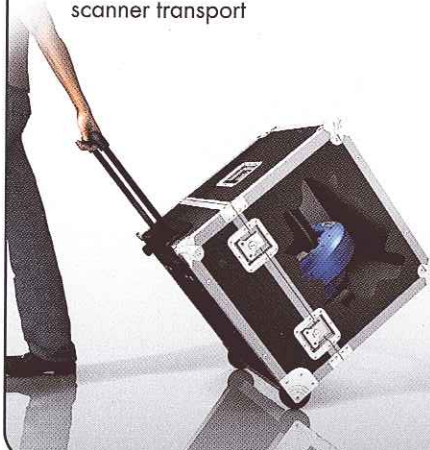
## Technical Data

## Imaging Plate Scanner CR 35 VET

Pixel Size	Selectable from 2,5 lp/mm to 20 lp/mm (25 µm to 200 µm)
Dimensions (H x W x D)	39 x 38 x 52 cm
Weight	21 kg
Electrical connection	100-240 V / 50-60 Hz, 140 W
Grey level resolution	16 bit, 65.536 grey levels
Plate formats	All standard X-ray formats, max 35 cm wide
Shortest time to 1st image	23 sec
Max scans per hour	150
Temperature range	10 to 35° C
Noise level	< 49 dB(A)
PC connection	USB 2.0
Laser class	Laser class I (EN60825.1)
Software	DÜRR MEDICAL  et-Exam <sup>plu</sup>
IT-Requirements	For latest information refer to <a href="http://www.duerr-medical.de">www.duerr-medical.de</a>
Accessories	Imaging plates, Cassettes, Battery-Pack, etc. ...

### Transport Case for CR 35 VET

Lightweight trolley for safe scanner transport



### Battery-Pack

For greater flexibility and site independence



### CR 43 VET

The X-ray cassette image plate scanner for automatic workflow and increased throughput



### DR 6 VET

The high performance X-ray sensors for best image quality



### CR 7 VET

The compact image plate scanner for all small/intraoral plate formats



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