

Reference

 | **Leonardo DR 1210P vet**
| with *dicomPACS® DX-R* Software
| Portable X-ray Systems for the Future

Veterinarian specializing in horses

Dr Rolf-Peter Schulze, Hoytlingen, Germany



Dr Rolf-Peter Schulze is a veterinarian specializing in horses in Hoytlingen, Lower Saxony. Thanks to his mobile practice he can examine and treat patients directly on site. Dr Schulze has extensive experience in the field of orthopaedics (diagnosing and treatment of lameness, for instance), medical imaging (digital radiography, scintigraphy, computer tomography and sonography) as well as dentistry. After having worked in various clinics, for example in the equine clinic Burg Müggenhausen (Drs Nolting and Weinberger) and in the orthopaedic department of the Hochmoor veterinary clinic as senior veterinarian, Dr Rolf-Peter Schulze has been operating his own mobile practice for some time in the district of Gifhorn that boasts a large horse population.



Dr Schulze conducting an examination

Mobile practices, more than others, appreciate the benefits of digital X-ray systems. Images are available immediately which allows doctors to make a prompt diagnosis. The cumbersome intermediary steps of developing the images and a second on-site visit can be dispensed with. After comparing different systems, Dr Rolf-Peter Schulze chose the suitcase solution by OR Technology.

“The **Leonardo** system was selected on account of its practical relevance. The suitcase is comparatively light and easy to transport. The removable laptop and robust cable connections guarantee uncomplicated set-up and comfortable operation. A high-resolution screen provides excellent image quality. And the user-friendly software eventually won me over”, says Dr Schulze.

The veterinarian specializing in horses acquired a **Leonardo** 1210P DR system. All the components of the mobile digital X-ray system (including a 12" x 10" flat detector with CsI screen as well as a 17" laptop with the **dicomPACS® DX-R** image acquisition software) are stored in a suitcase on rollers. **dicomPACS® vet** controls the entire image management system including integration into the existing practice administration programme.

“The speed of the work processes is impressive. The X-ray image is created within a few seconds. It is available immediately and can be evaluated without delay. Working with several X-ray images, for instance in the case of pre-purchase examinations, can almost be described as relaxing. The software module that OR Technology developed specifically for pre-purchase horse examinations provides a well laid-out report on the evaluation of the X-ray images taken. Thanks to the removable laptop, the images can conveniently be discussed with the horse's owner at a later stage, perhaps at the local clubhouse.”



Compared to analog X-ray imaging, the mobile digital system offers Dr Schulze numerous benefits: “ Apart from mobility, image quality is noticeably improved and there are a number of processing options (contrasts, brightness, measuring tools and much more.) The entire work process is optimized: The DR system saves me a lot of time and reduces staff involvement, from taking the X-ray to the final X-ray image.”

Another important criterion: “The X-ray images can be sent quickly and easily via E-Mail. And the fact that I can create a patient CD that the horse's owner can take home, is also very practical.”

Dr Rolf-Peter Schulze also enjoys using the integrated multimedia X-ray positioning guide: “The well laid-out hints and comments are also very suitable for my future assistant who may not have a lot of experience.”

LEONARDO DR 1210P_{vet} - Portable digital X-ray system with outstanding features



The compact suitcase solution **Leonardo DR 1210P_{vet}** is a fast and space saving alternative for ambulant digital radiography. With its extendable handle and integrated wheels the handy and robust suitcase is easy to handle and transport. Areas of application are mobile veterinary practices, equine clinics, universities and both large and small animal practices. An integrated 17" notebook with a very high resolution guarantees a qualitative good image viewing and image diagnosis. The integrated flat panel allows a high mobility because of its low weight. The panel only weighs 3.4 kg and is 22.5 mm thick. The created 14 bit images offer a high dynamic. The integrated CSI screen implements a high DQE performance and therefore enables an excellent image quality. Very fast working is possible with the flat panel. After approx. 4 seconds the 1210P is ready for use again.

Advantages of the Leonardo DR suitcase systems:

- **Very small** and robust thanks to special developed materials and excellent workmanship
- **Easy to transport**
- **Very light** - only 26 kg incl. flat panel, notebook and cables
- **Highest possible resolution** and diagnostic image quality by the large 17" display (at least 1,600 x 1,200 pixel)
- **Very quick** - only approx. 4 seconds wait for the image and just approx. 2 seconds before the next exposure can be taken

Further information you will find here: www.or-technology.com



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