

Order No. CR3100 / CR3200

## Digital X-raying with cassettes

### **Divario CR-T2**

for standard X-ray examinations  
and

### **Divario CR-Tm**

with extra high resolution  
up to 50  $\mu\text{m}$

The **Divario CR-T2** and **Divario CR-Tm** are CR desktop systems with a maximum processing capacity of 73 cassettes per hour. In this high-speed mode (5 pixel/mm), the throughput is increased by almost 70 % compared to previous CR systems. The **Divario** is easy to operate, reduces patients' waiting time and increases the efficiency of the examination process.

The desktop system, available in an unobtrusive compact design, can be placed wherever space is limited – on a desk or a shelf. In addition, the **Divario CR-Tm** version offers high resolution images with a pixel size of up to 50  $\mu\text{m}$ .

Together with the professional image acquisition software **dicomPACS® DX-R**, the CR system offers all necessary image processing tools. The solution can be adapted to fit specific clinical purposes. It is also ideal as a secondary or backup system where there is already a DR or CR in place.



 Divario CR-T2

 Divario CR-Tm

## System benefits

**Small:** Compact desktop unit (0.30 m<sup>2</sup> footprint)

**High quality:** Reproducible, high-quality images

**Optimal:** Very high resolution of 50  $\mu$ m  
(**Divario CR-Tm** version)

**Fast:** Maximum processing capacity: 73 cassettes  
per hour for 18 x 24cm format

**Flexible:** Portable, suited for mobile use

## Image plate cassettes

For **Divario CR-T2** following cassette  
formats are available:

IP cassette type CC:

- 35 x 43 cm (14" x 17")
- 35 x 35 cm (14" x 14")
- 24 x 30 cm (10" x 12")
- 18 x 24 cm (8" x 10")
- 15 x 30 cm (6" x 12")

For Divario CR-Tm following cassette formats  
and types are available:

IP cassette type CH:

- 24 x 30 cm (10" x 12") *with cassette adapter*
- 18 x 24 cm (8" x 10")

IP cassette type CC:

- 35 x 43 cm (14" x 17")
- 35 x 35 cm (14" x 14")
- 24 x 30 cm (10" x 12")
- 18 x 24 cm (8" x 10")
- 15 x 30 cm (6" x 12")

Detailed information can be found  
at [www.or-technology.com](http://www.or-technology.com)





## Investment security

If you wish to create your X-ray images with a flat panel system (DR = direct radiography) at a later stage, you only have to exchange the **Divario** CR system for a flat panel. **dicomPACS® DX-R** is already designed to implement such a connection. You will not need to purchase new software or to get used to a new user interface.

**This is what we call investment protection.**

The **dicomPACS® DX-R** software already includes all functions necessary to store X-ray images and provide them to other workstations as a standard feature. Other workstations in your practice's network may load these images directly and display them. This requires just one "**dicomPACS®** Diagnostic Module Standard" (optional extra) per workstation. Of course, the images can also be sent to an existing PACS system.



only  
39 kg



More information about  
**Divario CR-T2**  
you can be found here:  
[www.or-technology.com](http://www.or-technology.com)

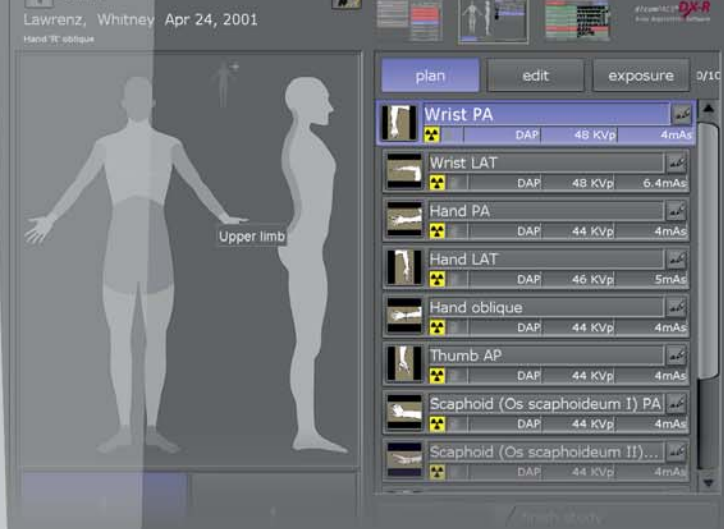


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# Advantages of professional acquisition software

- Modern graphical user interface (GUI) adaptable to almost any language, **touchscreen** operation – to ensure quick and efficient work and a smooth workflow
- Capture patient data via **DICOM Worklist**, **BDT/GDT**, **HL7** or other protocols – data may also be captured manually
- Use **DICOM Procedure Codes** to transfer all relevant examination data directly from the connected patient management system (HIS/RIS)
- **Freely configurable** body parts with more than **400 projections** and numerous possible adjustments already included
- Safe and fast **registration of emergency patients** allowing the user to **switch between examinations** of a patient, for instance to avoid having to re-position the patient frequently
- Allows the user to **subsequently add images** to an examination, even after that examination has been completed
- **Multi-generator operation** for alternating between mobile and stationary X-ray systems
- Additional **special functions** including Chiro Tools (diagnostic tools for efficient analyses) and tools assisting with NUCCA examinations
- **User-defined macros for recurring examinations**, e.g. thorax screenings
- Fully **integrated radiographic positioning guide** for each examination incl. comprehensive notes, photos, videos and correct X-ray images
- Option to **control** a digital X-ray system **via wireless remote** incl. display of the worklist, preview of the image taken for checking and much more



# Standard components of the **Divario T** systems

## CR unit for table

Cassette sizes type CC: 35 x 43 cm (14" x 17"), 35 x 35 cm (14" x 14"),  
24 x 30 cm (10" x 12"), 18 x 24 cm (8" x 10"),  
15 x 30 cm (6" x 12")

Processing Capacity Up to 73 IPs/hr. (18 x 24 cm)

Reading Specification: 10 Pixel/mm, 5 Pixel/mm

Dimensions (H x W x D): 560 x 540 x 392mm (22"x 21"x 15")

Weight: 39 kg (861lbs.)

Operating conditions:

- Temperature: 15-30 °C
- Humidity: 15-80%RH (No dew condensation)
- Atmospheric pressure: 750-1060 hPa

Power Supply Conditions: Single phase 50-60Hz AC120-240V ±10% 1.9A (max)

Additional specifications for **Divario CR-Tm** with mammography compatibility:  
Resolution: 50 µm

In addition to the standard cassettes are available for **Divario CR-Tm** following  
IP cassettes type CH: 24 x 30 cm (10" x 12")  
18 x 24 cm (8" x 10")



## CR cassettes

All common cassette sizes are available:

- included for **Divario CR-T2**: 1 x 35 cm x 43 cm
- included for **Divario CR-Tm**: 1 x 35 cm x 43 cm

Other formats and quantities available optionally



## Divario CR-T software package

with **dicomPACS® DX-R**, the professional console software with modern graphic user interface with generator control, integrated X-ray positioning guide and basic software modules:

- **dicomPACS® DX-R** DICOM Send SCU incl. MPPS and Storage Commitment
- **dicomPACS® DX-R** DICOM Worklist SCU + **dicomPACS® Connect**
- **dicomPACS® DX-R** DICOM Patient CD
- **dicomPACS® DX-R** Cognition Optimised Processing



## Optional components:

### **dicomPACS® DX-R** controle console

Operating console (two options available), MS Windows 10 Professional, hardware stress test, software pre-installation, system checked and ready to use

- Option 1: Archive and diagnostic station
- Option 2: Notebook



## Specifications subject to revision without notice

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# OR Technology

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OR Technology (Oehm und Rehbein GmbH), 18057 Rostock, Germany, Neptunallee 7c  
Tel. +49 381 36 600 500, Fax +49 381 36 600 555  
[www.or-technology.com](http://www.or-technology.com), [info@or-technology.com](mailto:info@or-technology.com)

Info hotline: +49 381 36 600 600



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