Digital X-raying with cassettes

**Divario CR-T2**
for standard X-ray examinations and

**Divario CR-Tm**
with extra high resolution up to 50 µm

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 µm.

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.
System benefits

**Small:** Compact desktop unit (0.30 m² footprint)

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

**Optimal:** Very high resolution of 50 µm
(**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.

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

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

Detailed information can be found at www.or-technology.com
## Standard components of the Divario T systems

### CR unit for table

<table>
<thead>
<tr>
<th>Cassette sizes type CC:</th>
<th>35 x 43 cm (14&quot; x 17&quot;), 35 x 35 cm (14&quot; x 14&quot;), 24 x 30 cm (10&quot; x 12&quot;), 18 x 24 cm (8&quot; x 10&quot;), 15 x 30 cm (6&quot; x 12&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processing Capacity</td>
<td>Up to 73 IPs/hr. (18 x 24 cm)</td>
</tr>
<tr>
<td>Reading Specification:</td>
<td>10 Pixel/mm, 5 Pixel/mm</td>
</tr>
<tr>
<td>Dimensions (H x W x D):</td>
<td>560 x 540 x 392mm (22&quot;x 21&quot;x 15&quot;)</td>
</tr>
<tr>
<td>Weight:</td>
<td>39 kg (86.1 lbs.)</td>
</tr>
</tbody>
</table>
| Operating conditions:  | • Temperature: 15-30 °C  
• Humidity: 15-80%RH (No dew condensation)                                                                                     |
| 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

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**Specifications subject to revision without notice**

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