

# Innovative solutions for interventional radiology



 **SIMAD**  
X-RAY MEDICAL TECHNOLOGY

A Sago Medica Company

# moðnrAY COMPACT

The unique solution of Simad providing x ray and imaging technology in one equipment



# moðnrAY DUAL

The Simad dual version having a separate dedicated workstation with the imaging technology.



# moðnrAY PRECISIO

Four motorized movements convertible into manual, and repeatability of the positioning with absolute precision.



# VEDO MASTER

Table top totally in carbon fiber for a wide radio-transparent area. The ideal solution for interventional radiology.



## SIMAD technology for interventional radiology

### LOW DOSE CONTROL™

A digital patented system for superior image quality using 7 times less dosage to patients and operators.

### FULL DIGITAL SYSTEM™

A completely digital and open system to keep up with the times and respond to every kind of need.

### EXPOSE> EXPORT> EXPRESS!

Export radiological images in most common formats for creating multimedia supports for Scientific Reporting. BMP - JPG - AVI - DICOM

### AUTOMATIC DOSE REPORT™

The integrated system that automatically measures, stores and prints, the dose report of each procedure.

### 1K<sup>2</sup> VIDEO CHAIN

Image matrix 1K x 1K high resolution CCD camera together with high brightness and contrast monochrome 19 inch TFT monitors.

### DICOM® COMPATIBLE

100% compatible and upgradeable with DICOM classes: *Printing - Storage - Work List - Master Kit - Query & Retrieve - Dicom® Dap.*

### PREVIEW WITHOUT RADIOLOGICAL EXPOSURE

Position adjustment without radiation exposure of: iris collimator, semi-transparent compensators and image rotation.

### DISSIPATION SYSTEMS FOR ANY NEEDS

Different types to meet every need. *Without ventilation - Standard ventilation - High dissipation system.*

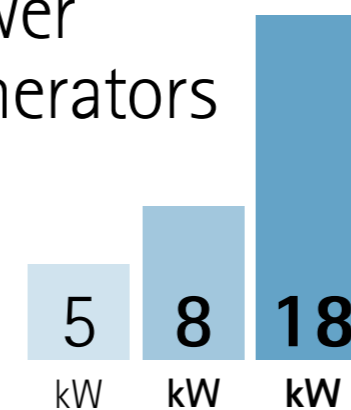
### FOUR MONITORS

Four monitors to optimize work in operating theatres and maintain a sterile field.

## A software for all clinical application



## Different Power Generators



## 13" and 9" Image intensifier



3 fields (9" - 7" - 4.5")



4 fields (13" - 9" - 7" - 4.5")

# SIMAD Education Center

## PRODUCT AND APPLICATION TRAINING

Training courses arranged by SIMAD Education Center are scheduled and studied to develop the right competences useful to operators to exploit utmost system potentialities..

Course topics:

- Radioprotection concept
- Ratio and connection between x-ray dose and image quality
- Management and post processing of images
- Radiological screening and device positioning according to surgical applications
- Dose report management and supervision

## TRAINING COURSE FOR RADIOLOGY-PROTECTION IN OPERATING THEATRES

Specific training course in radiation protection, created in collaboration with the most accredited Italian Associations in order to understand the correct positioning of the C-arm image intensifier in respect of safety for patients and operators.



A Sago Medica Company

[www.simad.net](http://www.simad.net)  
[info@simad.net](mailto:info@simad.net)



SIMAD srl

RESEARCH & DEVELOPMENT  
MANUFACTURING  
TRAINING CENTER  
Tel: +39 051 686 08 11  
Fax: +39 051 686 12 46

SALES & MARKETING  
ACCOUNTING

Via Zallone 25  
40066 Pieve di Cento, Bologna  
Italy  
Tel: +39 051 686 08 11  
Fax: +39 051 686 12 46