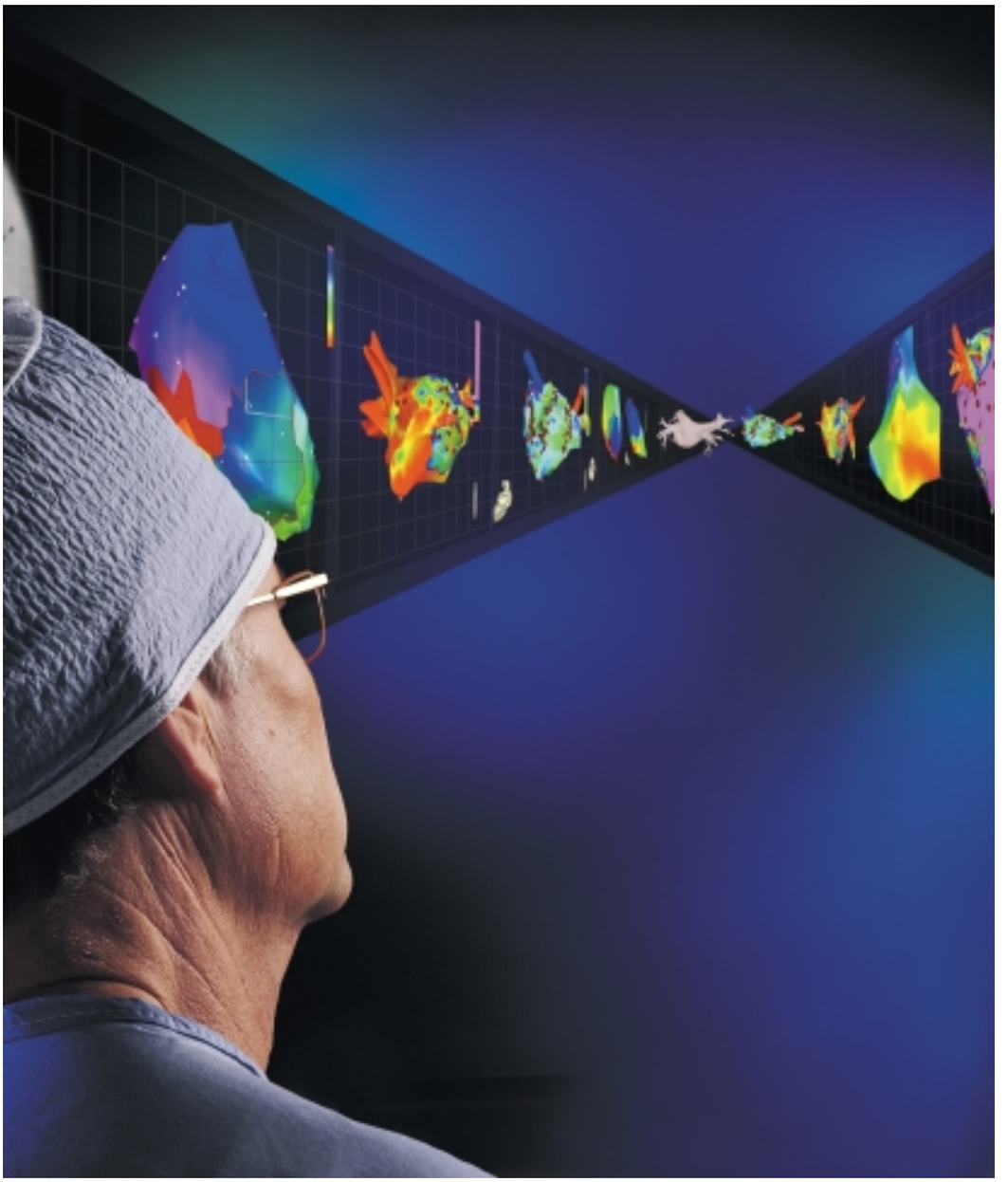
Biosense Webster®
a Johnson & Johnson company

CARTO™ XP

ELECTROANATOMICAL NAVIGATION SYSTEM



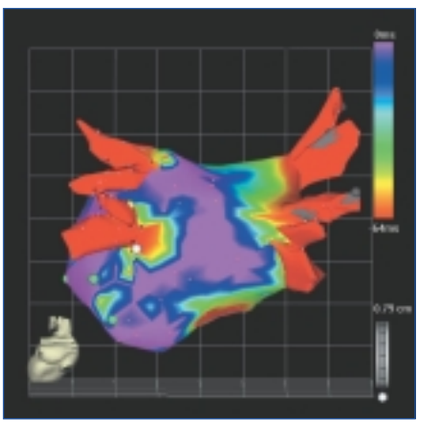
VISUALIZING THE FUTURE OF ADVANCED EP

Preferred Today Prepared For Tomorrow

The world's first 3-D electroanatomical navigation solution, the CARTO™ XP System, is still the only true electroanatomical cardiac mapping system available. Offering unchallenged accuracy and unparalleled precision, it positions your lab securely on the cutting edge in terms of clinical capabilities. And you can be confident it can keep you there with open-ended architecture that lets you easily upgrade performance and add functionality in the future.

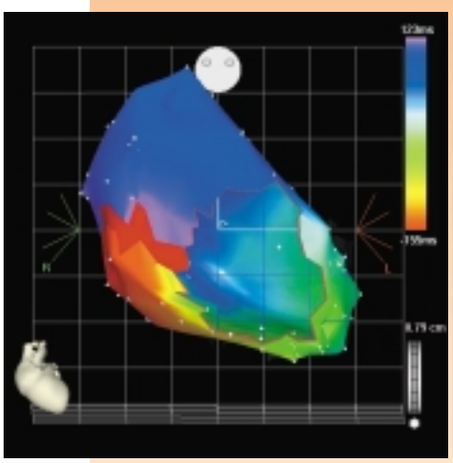
Raising The Standard For Performance

Designed to minimize RF applications, unnecessary radiation exposure and procedure times, the CARTO™ XP System improves location accuracy and site-targeting efficiency while maintaining an excellent safety profile. As a result, it provides you with the potential to perform more procedures, more rapidly than with conventional fluoroscopy.



Only CARTO™ XP System accuracy allows precise re-navigation to within 1 mm for areas of interest.

Exclusive CARTO™ XP System Features Include:



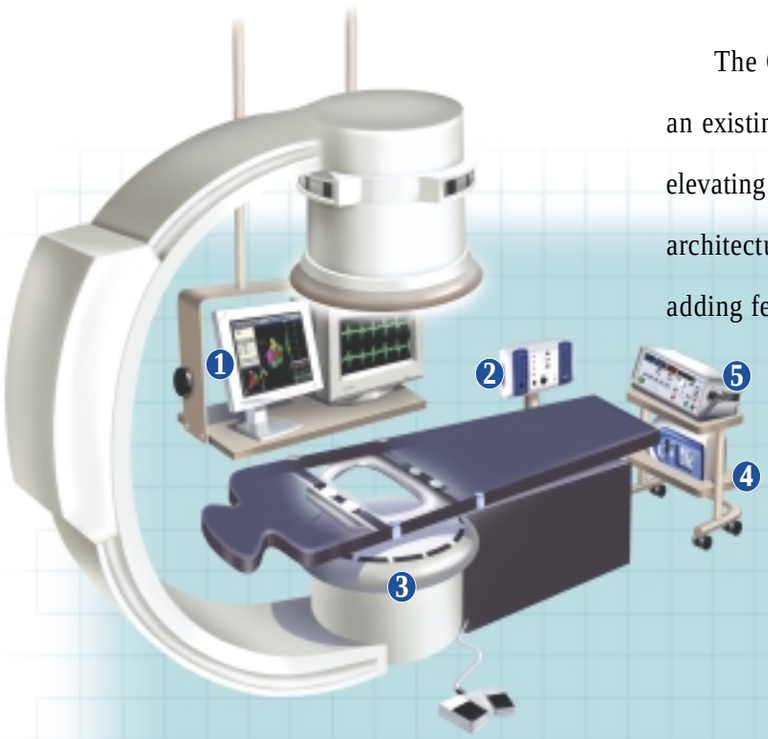
The CARTO™ XP System provides a detailed electroanatomical map of the heart that lets you more effectively locate, map and treat debilitating arrhythmias.

- Visualization of individual anatomic variations via 3-D scans or map reconstruction.
- Rapid diagnosis of clinical conditions using easy-to-read 3-D maps.
- Maneuverability to target site facilitated by continuously visible catheter icon.
- Accurate re-navigation to within 1 mm for areas of interest.
- Visual assessment of ablation line of block and gap.
- Easy-to-use, movable and resizable on-screen user interface.
- Advanced integration capability with other cath lab equipment.

CARTO™ XP

Technology At The Heart Of Successful EP

The CARTO™ XP System is designed to integrate seamlessly into an existing laboratory environment, improving clinical efficiency and elevating the quality of patient care. Simultaneously, its open-ended architecture protects your investment by forming a foundation for adding features and functionality in the future.



Emergence of 3-D as the center of EP becomes a reality with implementation of the CARTO™ XP System.

1. *Flat Screen Monitors*
2. *Patient Interface Unit*
3. *Location Pad*
4. *CARTO™ XP COM Unit*
5. *Stockert RF Generator*
6. *CARTO™ XP Workstation*
7. *Printer*

Fulfilling The Promise Of Electrophysiology

With the CARTO™ XP System, the same platform that provides your clinical effectiveness today is the one you look to for clinical performance tomorrow.

With its easily expandable design, it lets you keep pace with advances in procedures by providing a foundation for implementing future diagnostic and treatment tools. Currently in development by Biosense Webster, Inc., these include the next generation of catheters, interface systems and image displays designed to facilitate treatment for a wider range of arrhythmias. That's why you can count on Biosense Webster – today's leader in 3-D cardiac mapping and navigation technology – to make sure wherever the future of EP is heading, the CARTO™ XP System can take you there.

The CARTO™ XP System supplies you with advanced technology to treat patients who have life-threatening arrhythmias.

CARTO™ XP EP NAVIGATION SYSTEM SPECIFICATIONS

Standard Configuration

CARTO™ XP Unit	PIU	Location Pad
9.4"H x 14.6"W x 10.6"D	8.3"H x 13.2"W x 5.1"D	7.1"H x 24.8"W x 20.9"D
(23.8H x 37W x 27D cm)	(21H x 33.5W x 13D cm)	(18H x 63W x 53D cm)

Electrical

CARTO™ XP Unit	Workstation	Monitors
110–120V AC, 60 Hz, 1.3A	110–120V AC, 60 Hz, 6.0A	AutoDetect 100–240V, 50/60Hz
220–230V AC, 50 Hz, 0.63A	220–240V AC, 50 Hz, 3.0A	AutoDetect 100–240V, 50/60Hz

Environmental Conditions

Operating Temperature	Relative Humidity	Altitude
50°–95°F	10–90% non-condensing	10,000 ft
(10°–35°C)		(3,048 m)

STOCKERT RF GENERATOR† SPECIFICATIONS

Operating Mode	
Temperature Control	43°–90°C
Thermistor/Thermocouple	
Power Control Stockert 70	0–70 Watts
Power Control EP Shuttle	0–100 Watts
Power Set—Point Stockert 70	0–70 Watts
Power Set—Point EP Shuttle	0–100 Watts
Impedance Range (default values)	50–250 Ohms
RF Output	500 kHz

ORDERING INFORMATION

CARTO™ XP EP Navigation System Components	**Catalog Number**
CARTO™ XP EP Navigation System‡	M-4700-01
CARTO™ XP Workstation	M-4700-96
Color computer printer	M-5389-05
Carts	M-5453-01
6 ft power strip	M-5404-03
15 ft power strip	M-5404-04
0.5 KVA Isolation transformer	M-5401-01
1.5 KVA Isolation transformer	M-5401-02
Stockert 70 RF Generator†	S7001
EP Shuttle RF Generator†	39D-01X

†Sold separately.

‡Includes the following components: computer workstation and monitor, COM Unit, Patient Interface Unit (PIU), foot pedal, grounding cable, power supply cord, optical cable, patient cable.

Technical Service Hotline 866-473-7823

Some images courtesy of German Heart Center, Munich.
Some images courtesy of Florida Hospital.
Some images courtesy of University of Ottawa Heart Institute.

Caution: Federal law restricts these devices to sale by or on the order of a physician. Please refer to the complete product information accompanying each device.

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Order No. B0037 Printed in USA. 0404007.5

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