A Closer Look

Product Education at a glance

Boston Scientific

Model 3120 ZOOM® LATITUDE® Programmer Maintenance

BACKGROUND INFORMATION

The ZOOM® LATITUDE® Programmer/Recorder/Monitor (PRM) is a multifunctional instrument used to program, interrogate and monitor Boston Scientific implantable pulse generators.

CRM PRODUCTS REFERENCED*

Model 3120 ZOOM LATITUDE PRM

*Products referenced herein may not be approved in all geographies. For comprehensive information on device operation, reference the appropriate product labeling.

CRM CONTACT INFORMATION

Technical Services – U.S.
1.800.CARDIAC (227.3422)
Tech.Services@bsci.com

Technical Services – Europe
+32 2 416 7222
eurtechservice@bsci.com

LATITUDE Clinician Support
1.800.CARDIAC (227.3422)
latitude@bsci.com

Patient Services
1.866.484.3268 – U.S. and Canada
001.651.582.4000 – International

The Model 3120 programmer includes the following:

- a programmer
- a high-speed, four-inch printer/recorder
- one floppy disk drive
- an internal hard drive of 6 gigabytes (GB) or greater for software application storage/retrieval
- a surface electrocardiogram (ECG) monitoring channel
- rear panel connectors
- Universal Serial Bus (USB) port for software installation

Certifications and Standards*

Model 3120 programmers are designed to meet EN60601-1 safety requirements.

- PRM - Class I
- Telemetry wand - Type CF
- ECG connections - Type BF

They have also been certified by the Technischer Ueberwachungs Verein (TUV) America Product Service for CE Mark countries, the United States, Australia, Canada, Denmark, Israel and Korea. As needed, they are supplied with a power cord (100 to 240 volts) with a hospital grade plug, meeting UL, CSA, EN and IEC standards for medical grade applications.

Maintenance

A general maintenance routine is encouraged and includes a visual inspection of the programmer, the legibility and adherence of its labels, and the integrity of the cables and accessories. Additionally, each time the programmer is powered **On**, it performs a quick, self-diagnostic routine to verify operability. If operating properly, the programmer should power up in a few seconds. A successful power-up and completion of the self-diagnostic routine verifies the programmer has passed its internal checks and is ready for use.

Cleaning

The housing and touchscreen can be cleaned with a soft cloth lightly dampened with water, as needed. Furthermore, these components have also been proven to withstand the use of non-volatile cleaning solutions such as Liqui-nox, Borax, 1:10 bleach, Windex, or isopropyl alcohol. The printer/recorder can be cleaned with a dry, soft brush to eliminate dust and particles.

Servicing

For questions regarding operation, service or repair of the programmer:

- United States - call your local Boston Scientific representative or call Technical Services. For all service needs, send the programmer to Boston Scientific Corporation, 4100 Hamline Avenue North, St. Paul, MN, 55112-5798.
- International - please contact your local Boston Scientific affiliate or European Technical Services.

Abbreviations and Terminology	
EN60601-1	MEDICAL ELECTRICAL EQUIPMENT PART 1: GENERAL REQUIREMENTS FOR SAFETY
Class I	Safety classification. Medical electrical equipment which provides additional protection from electrical shock, should basic insulation fail.
Type CF	Applied parts safety classification. Direct Cardiac Floating (suitable for direct cardiac application).
Type BF	Applied parts safety classification. Patient Connection Floating (not suitable for direct cardiac application).
CE	A mark placed on a device or package that indicates the device complies with set requirements for safety, heath, environmental, and consumer protection.
UL	Underwriters Laboratory
CSA	Canadian Standards Association
EN	European Norm
IEC	International Electrotechnical Commission