Technical Publication
DB-1108R1

Data Book

HF Series Generators

REVISION HISTORY

REVISION	DATE	REASON FOR CHANGE
0	APR 15, 2014	First Edition.
1	DEC 04, 2014	Calibration Data Table updated.

This Document is the English original version, edited and supplied by the manufacturer.

The Revision state of this Document is indicated in the code number shown at the bottom of this page.

ADVISORY SYMBOLS

The following advisory symbols will be used throughout this manual. Their application and meaning are described below.

DANGERS ADVISE OF CONDITIONS OR SITUATIONS THAT IF NOT HEEDED OR AVOIDED WILL CAUSE SERIOUS PERSONAL INJURY OR DEATH.

ADVISE OF CONDITIONS OR SITUATIONS THAT IF NOT HEEDED OR AVOIDED COULD CAUSE SERIOUS PERSONAL INJURY, OR CATASTROPHIC DAMAGE OF EQUIPMENT OR DATA.

Advise of conditions or situations that if not heeded or avoided could cause personal injury or damage to equipment or data.

Note ☞

Alert readers to pertinent facts and conditions. Notes represent information that is important to know but which do not necessarily relate to possible injury or damage to equipment.

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SECTION 1 INTRODUCTION

This Data Book is the register of some of the Configuration and Calibration data of the generator and the register of each Periodic Maintenance Service carried out. Keep this book always with the equipment for reference.

Note ☞ *Enter the data with a pencil in order to modify them later due to future changes.*

CAUTION

If the Control board is replaced, configuration, calibration and filament data can be recovered using the "Restore (From File)" button in the Service Console application, whenever backup files have been previously created (refer to the Configuration and Calibration documents for more information about the backup procedure). If the backup files cannot be restored, transfer the U66-EEPROM from the old Board to the new Board. Compare the recovered data displayed on the Console with the values noted in this document.

Also, make some exposures using different techniques and Focal Spot and check that mA stations are calibrated correctly. If not, perform Calibration procedures.

Note ☞ *Verify that "Configuration Control Sheet" and "Final Test Results" pages from factory have been included with the equipment.*

1.1 INSTALLATION DATA

Enter the following information.

HOSPITAL			
INSTALLED AND TESTED BY		**DATE**	

1.2 MAINTENANCE HISTORY

Enter the following information in this book after each data modification or Periodic Maintenance Service.

DATE	PERFORMED BY	BACKUP FILES FOLDER	SERVICE NOTES

SECTION 2 DATA TABLES

2.1 CONFIGURATION

Table 2-1
Workstations

Note in the following table the configuration of the Workstation assigned for each push-button.

PUSH-BUTTONS	WORKSTATION	WORKSTATION CONFIGURATION (Tube, Receptor, etc.)
	**WS1**	
	**WS2**	
	**WS3**	
	**WS4**	
	**WS5**	
	**WS6**	
	**WS7**	
	**WS8**	

Note.- Workstation data such as X-ray Tube, Receptor (Bucky, CR, Detector), Tomo, Fluoro, Cine, DSI, DSA, Ion Chambers, etc. must be registered.

2.2 CALIBRATION

Table 2-2
mA Calibration Data

mA STATION	FILAMENT CURRENT DATA AT kVp BREAK POINT		
	Low kVp	Medium kVp	High kVp
10			
12.5			
16			
20			
25			
32			
40			
50			
63/64/65 *			
80			
100			
125			
160			
200			
250			
320			
400			
500			
630/640/650 *			
800			
1000			
Note.- Some generator models do not contain all the mA stations listed above.			
** Configurable under requirement*			