	(GE)	GE Medical Systems		
		OEC	GE OEC MEDICAL SYSTEMS Inc. 384 Wiright Brothers Drive USA Satt Lake City, Utah 83116	
	X-RAY GENERATOR MAXIPLUS 3000 00-453810-01 <b>SN</b> 0117 MAX KVP: 110 KV: BEAM LIMITING DEVICE TYP DAC-8 TOTAL FILTRATION >3mm AL TUBE HOUSING MAXIPLUS 3000 TUBE TYPE/ FOCAL SPOT DF-151 0,6/1,5mm TUBE-NO:: 4A5452		ENERATOR MAXIPLUS 3000 D-01	
			110 KV: TYP DAC-8 >3mm AL MAXIPLUS 3000 T DF-151 0,6/1,5mm 4A5452	
	COMPLIES WITH APPICABLE REQUIREMENTS OF THE CODE OF FEDERAL REGULATIONS; TITLE 21; SUBCHAPTER J, AS OF THE DATE OF MANUFACTURE.			
	MAY 2004 GE OEC MEDICAL SYSTEMS GmbH 90530 WENDELSTEIN GERMANY			
Figure 62				

Toshiba = DF-151 0,6/1,5mm Nago = GF9-190 0,5/1,5mm

To enter this setup:

Button "PI" - Setup - Service menu - Enter Service Password – press x-time next page until **Button "Tube Setup"** 

### You can select three different pre heating modes

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- fix pre heating value for Tube Type "GF151R" Use this only if automatic cal. not work correct
- fix pre heating value for Tube Type "GF190" Use this only if automatic not work correct
- automatic PRE-PREHEATING Calib. Use this as standard



#### Figure 63

Example for actual selected Toshiba-TUBE GF 151R => fix pre-heating value for Tube Type "GF151R"



Example for actual selected NAGO-TUBE GF 190 => fix pre-heating value for Tube Type "GF190"



example for actual selected auto PRE-HEADING

Note:

After start "Automatic PRE-HEATING calib." . System work with automatic pre-heating values







- press Button "CONTINUE" Hold Hand or footswitch during the whole calibration !



End of the automatic calibration Please stop X-RAY Confirm with Button "DONE"





You see all the cal. Data If the process end correct you see **"CAL. OK"** 

Note: you can recall this CAL Data from "Tube setup" with Button "Show auto Pre-Heating Values"

Press "DONE" for exit this "auto-VH-VALUE calibration" Menu

#### kV and mA Calibration 5.3.2

This section includes the adjustments to ensure the proper system output and reduced patient dose. Complete this procedure upon tube replacement. To measure KV <u>connect DVM between MP</u> 3 (+) and GND (-) on B352



Figure 70

Menu: kV/mA-Offset Setup (40KV)



Figure 71

Make X-RAY and adjust with Button - and + to 4,0V ( $\pm$  0,1V) on DVM

To continue press Button "Next (80kV Offset)"

Menu: kV/mA-Offset Setup (80kV)



Make X-RAY and adjust with Button - and + to 8,0V ( $\pm$  0,1V) on DVM

To continue press Button "Next (Value)"

Menu: kV/mA-Offset Setup (0,2mA)



Figure 73

To measure mA with DVM remove jumper and connect DVM



Figure 74

Make X-RAY and adjust with Button - and + to 0,2mA ( $\pm$  0,01mA) on DVM.

To complete select Save and Exit or exit without save to discard.



Figure 75

# 5.4 Tri Mode 9/6/4.5-inch Image Intensifier

- P1 Sharpness of Normal 9-inch mode
- P2 Sharpness in 6-inch mode
- P3 Sharpness in 4.5-inch mode
- P4 Diameter in Normal 9-inch mode adjust to
- P5 Diameter in 6-inch mode
- P6 Diameter in 4.5-inch mode

adjust to max (ca. 21,2cm) adjust 15,5cm adjust 11,0cm