RS-232C   Command Comparison for 150KV MFX control unit

Changed	
Additional	
Removed	

Control Commands

	Conventional L8121 Series		New Control Unit	
	Send	Return	Send	Return
X-ray Emission Start	XON	XON	XON	XON
X-ray Emission Stop	XOF	XOF	XOF	XOF
Tube Voltage Setting	HIV *	HIV *	HIV *	HIV *
Preset Tube Voltage	PHV*	PHV*		
Tube Current Setting	CUR *	CUR *	CUR *	CUR *
Preset Tube Current	PCU*	PCU*		
Warm-up start			WUP	WUP
Focus Mode Set	CFS	SMALL	CFS *	CFS *
	CFM	MIDDLE		
	CFL	LARGE		
Overload Protection Reset	RST	NORMAL	RST	RST

Status Commands

	Conventional L8121 Series		New ControlUnit	
	Send	Return	Send	Return
All Status Check	STS	AGING STANDBY XON OVER NOT READY	STS	STS 0 STS 1 STS 2 STS 3 STS 4 STS 5
X-ray Emission ON/OFF	STX	X-RAY ON X-RAY OFF		
Overload Protect Check	SOV	OVER NORMAL		
Preheat monitor			SPH	SPH 0
Batch status check			SAR	SAR * * * * * * *
"NOT READY" Batch Check			SNR	SNR * * * *
Output Voltage Check	SHV	HIV *	SHV	SHV *
Output Current Check	SCU	CUR *	SCU	SCU *
Preset Tube Voltage	SPV	PHV *	SPV	SPV *
Preset Current Voltage	SPC	PCU *	SPC	SPC *
Warm-up Status Check	SAG	AGING ON AGING OFF		
Warm-up Completion Check	DAG	AGING END AGING YET	SWE	SWE *
Warm-up Step Check			SWS	SWS * *
Focal Spot Mode Check	SFS	FCS *	SFC	SFC *
Interlock Check	SIN	INTERLOCK OFF INTERLOCK	SIN	SIN 0 SIN 1
All Status Check				
Operating Values Batch Check	SRL	REMOTE ROCAL OFF		
Setting Values Batch Check			SVI	SVI 150 500
X-ray Power On Time Check			STM	STM *
X-ray Emission Time Check			SXT	SXT *
Hardware Error Check	SER	ERR	SER	SER *
Button battery check			SBT	SBT *
Model Name Check			TYP	TYP *****

STS Commands detail

STS COMMANDS	STATUS	
STS 0	WARMUP YET	
STS 1	WARMUP	
STS 2	STANDBY	
STS 3	XON	
STS 4	OVER	
STS 5	NOT READY	PREHEAT
STS 5		INTER LOCK OFF
STS 5		ERR ※