

EQUIPMENT	POWER		SPECIFICATIONS	adaptability to RAL ac-rating	Remarks
	VOLTS	KVA			
FINAL ANODE(EEV BW1643J2)	3f, 400V	peak 400 ave. 240		(ok)	original ac input volatge is 480volts. (Feb/22/99)
step-start	1f, 200V	4.000	Toyozumi SD21-21KB primary: 240, 220, 200, 0 secondary: 0, 100, 110, 115	ok	
buck regulator				?	fed from step-start trafo.
DRIVER ANODE(Burle 4648)	3f, 400V	200.000	Tecno input tap: 400,420,440 input: Vac +-10%	ok	
	1f, 200V	0.400	input: 200Vac +-10%	trafo	
BIAS POWER SUPPLY	3f, 400V	100.000		ok	
FINAL FILAMENT	1f, 200V	10.000	Matsunaga slide regulator MP-2050-C input: 200Vac +5% output: 0-200Vac (50Amax)	trafo	saturated at 240Vac input
heater transformer			Tecno 1f 7.5KVA input: 180, 190, 200, 210, 220 output: 14V-555A	?	fed from slide regulator drawing no. G4-010144 serial no. 64560
FINAL GRID SUPPLY	1f, 200V	1.500	Takasago GP0650-5R input: 200Vac+-10%	trafo	switching by resistor divider network
DRIVER FILAMENT	1f, 200V	10.000	Matsunaga slide regulator MP-2050-C input: 200Vac +5% output: 0-200Vac (50Amax)	trafo	saturated at 240Vac input
heater transformer			RAL input: 200, 220, 240 output: 4.5V-1700A	?	fed from slide regulator
DRIVER G1 SUPPLY	1f, 200V	1.000	NF HSA4052 input: 216-250Vac	trafo?	bipolar supply to absorb the grid current
DRIVER G2 SUPPLY	3f, 200V	3.000	Yamabishi HT-393 1/2~2/2 input: 50/60Hz, 210-240Vac output: tapped 1.8, 2.2, 3.4KV	?	usable at 240Vac input if output not exceeds 3KVA (6/2/03, Mr Hagiwara, Yamabishi) see 3f variac
SOLID-STATE-AMPLIFIER	1f, 200V	2.000	ENI A-300 input: 230Vac +6%~-12%	ok	
ANCILLARY					
fan, blower, etc	3f, 200V	0.700	input: 200Vac +-10%	trafo	

LOI COTROL CONSOLE	1f, 100V	0.300	input: 100Vac +-10%	trafo	
	1f, 200V	0.200	input: 200Vac +-10%	trafo	
OSCILLOSCOPES					
TDS3014B (2 pieces)		0.075	47~440Hz 100Vac~240Vac ($\pm 10\%$)	ok	replace ac-cord 125V/7A
LeCroy9354AL		0.350	45-66Hz 90-132Vac or 180-250Vac automatic selection	ok	replace ac-cord 125V/7A
NETWORK-ANALYSER HP4195A		0.500	48~66Hz 100Vac, 120Vac, 220Vac ($\pm 10\%$) 240Vac +5%, -10%	ok	replace ac-cord 125V/12A
printer (HP DeskJet 970CXi)		(0.7A)	50/60Hz 100~240Vac	ok	
printer interface	1f, 100V	0.009	60Hz 120Vac	trafo	
Tektronix TM502A		0.090	48~440Hz 100, 120Vac($\pm 10\%$) 1.0A SLOW 250V 220, 240Vac($\pm 10\%$) 0.5A SLOW 250V	ok	change fuse
1f VOLT-SLIDER Yamabishi S-260-50		10.000	input: 200Vac output: 0 ~ 260Vac	change tap	used for 4648 filament control change input-tap to 240Vac
Noise-Cut-Transformer Denkenseiki NCT F3	1f, 100V &200V	5.000		ok	usable at 240Vac input if output not exceeds 5KVA (5/30/03, Mr Himono, denkenseiki)
3f Variac		3.000	Toyozumi 3f 3.46KVA input: 400, 415, 440Vac output: 200, 208, 220Vac outut current: 10A	purchased	G2 voltage control, sample spec=1,400V. 3f 200Vac variac also purchased.
1f Transformer (3 pieces) Toyozumi CD240-15		1.500		ok	

at KEK, 400v. --> 410~420.
200v. --> 205~210.
100v. --> 100~105.

TOTAL		peak 733.1 ave. 573.1			
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