

	type	quantity	current 1	current 2	voltage
extraction	Q	8	100+50	150	20
chicane	B	1	3x100	300	20
matching	Q	6	50	50	20
final focus	B	3		200	20
	QD0	1		100	20
	QF1	1		50	20
	Qhigh quality	2		50	20
	Qmid quality	12		50	20
	Sextupole	5		50	20
	Octupole	2		50	20
	sum 1				
	AVR(21kW)	1			
	interlock cables	41			
	rack	4			
	air conditioner				
	control software				
sum 2					
labor	local company(2 years)				
	post doc(2 years)				
	PhD student				
	NMR monitor	2			
	NMR PS feedback				
	RC monitor	1			
sum 3					
gross total					

(250k)
(100pp)

accuracy(ppm)	cost(k\$)/unit	cost(k\$)	comment	comment
250(100)	7.5	60	Master slave	rack 1
250(100)	15	15	Master slave	rack 1
250(100)	3	18		rack 1
10	40	120	high quality PS	rack 2
10	20	20		rack 3
10	10	10		rack 3
10	10	20		rack 3
250(100)	3	36		rack 4
250(100)	3	15		rack 4
250(100)	3	6		rack 4
		320		
	10.5	10.5		
	0.9	37	expensive?	
	0		to be supplied from <u>Urakawa s:</u>	
			to be supplied from <u>Urakawa s:</u>	
	0		to be discussed with Terunuma	
		47.5		
		160	installation and labview	
		120	under inquiry	
			under inquiry	
		50	realtime monitor	
		20		
		50	accurate rotating coil	
		400		
		767.5		realtime mon
ppm:catalogue spec.)				
m:actual performance)				

height(mm)	mm
2x130	
3x130	
3x130	1040
3x531	1593
531	
531	
130	1192
6x130	
3x130	
130	1300
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