

SPARE COLD HEADS

	CCR NUMBER	MANUFACTURER	Head type	Temperature Range
1	CCR 1	LEYBOLD	1040	10K-300K
2	CCR 2	LEYBOLD	1040	10K-300K
3	CCR 5	LEYBOLD	1040	10K-300K
4	CCR 41	LEYBOLD	1245	10K-300K
5	CCR 42	LEYBOLD	1245	10K-300K
6	CCR 44	LEYBOLD	011-864-T 0.5 W	4K-300K
7	CCR 48	LEYBOLD	021-175-T 1.0 W	4K-300K
8	CCR 49	LEYBOLD	021-175-T 1.0 W	4K-300K
9	CCR 73	SUMITOMO	RDK 415D	4K-300K
10	CCR 74	SUMITOMO	RDK 415D	4K-300K
11	CCR 75	SUMITOMO	RDK 415D	4K-300K
12	CCR 77	SUMITOMO	PULSE TUBE	4K-300K
13	CCR 84	SUMITOMO	PULSE TUBE	4K-300K

Instrument Cold Heads

	CCR NUMBER	BEAMLINE	USED ON	MANUFACTURER	Head type	Temperature Range
1	CCR 9	IRIS	Beryllium Filter	Leybold	1040	10K-300K
2	CCR 31	TOSCA	ANALYSER	Leybold	120	20k-300k
3	CCR 32	TOSCA	ANALYSER	Leybold	120	20k-300k
4	CCR 33	TOSCA	ANALYSER	Leybold	120	20k-300k
5	CCR 34	TOSCA	ANALYSER	Leybold	120	20k-300k
6	CCR 35	TOSCA	ANALYSER	Leybold	120	20k-300k
7	CCR 36	TOSCA	ANALYSER	Leybold	120	20k-300k
8	CCR 37	TOSCA	ANALYSER	Leybold	120	20k-300k
9	CCR 38	TOSCA	ANALYSER	Leybold	120	20k-300k
10	CCR 39	TOSCA	ANALYSER	Leybold	120	20k-300k
11	CCR 40	TOSCA	ANALYSER	Leybold	120	20k-300k
12	CCR 50	MAPS	COLD SURFACE	Leybold	RGD5-100	20K-300K
13	CCR 54	OSIRIS	ANALYSER	SUMITOMO	RDK-415D	4K-300K
14	CCR 55	OSIRIS	ANALYSER	SUMITOMO	RDK-415D	4K-300K
15	CCR 56	OSIRIS	ANALYSER	SUMITOMO	RDK-415D	4K-300K
16	CCR 58	IRIS	ANALYSER	SUMITOMO	RDK-415D	4K-300K

17	CCR 59	IRIS	ANALYSER	SUMITOMO	RDK-415D	4K-300K
18	CCR 79	MERLIN	COLD SURFACE	SUMITOMO	RDK-415D	4K 300K
19	CCR 83	HIFI	HIFI MAGNET	CRYOMECH	PT-415	4K-300K
20	CCR 84	HIFI	HIFI MAGNET	CRYOMECH	PT-415	4K-300K

COLD HEADS FIXED ON EQUIPMENT

	CCR NUMBER	COLD HEAD USED ON	BEAMLINE	MANUFACTURER	Head type	Temperature Range
1	CCR 70	ISIS PULSE TUBE DILUTION FRIDGE	POOL	CRYOMECH	PT-410	4K-300K
2	CCR 78	FERNS SAMPLE CHANGER	GEM/POLARIS	SUMITOMO	RDK-415D	4K-300K
3	CCR 80	E18 DRY DILUTION FRIDGE	POOL	VERICOLD	VC-PT-1	3K-300K
4	CCR 81	14T DRY CRYOMAGNET	POOL	CRYOMECH	PT-410	4K-300K
5	CCR 82	9T CHOPPER MAGNET	POOL	CRYOMECH	PT-410	4K-300K