

ENTRY NO. CU13 Date
Cyclotron Model RDS-112
Institution McMaster University, Faculty of Health Sciences
Address 1200 Main Street West, Hamilton, Ontario
Tel (416) 521-2100 ext 5671 Telex
Fax (416) 546-1125 EMAIL
In Charge: Dr. Gunter Firnau Reported by: Dr. Gunter Firnau

HISTORY

MILESTONE DATES:
Installation Sept-Nov. 1989 First Beam 6 December 1989
DESIGN/CONSTRUCTION BY: Siemens-CTI
COST: Accelerator approx. 2M Facility 5M
FUNDED BY: Ontario Ministry of Health

STATUS

STAFF: Operators 0 Chemists 2
Technicians 2
BUDGET: Machine none Funded by MRC, NSERC
TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
(a) Isotope production 95 %
(b) Maintenance 5 %
(c) 0 %
(d) 0 %
(e) 0 %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) H ⁺ only	10.5 MeV	100	100
(b)			

1991 μ A-hours on target: 3245

FACILITIES

SHIELDED AREA: Fixed m² Moveable m²
Target Stations: 4 No. Served At Same Time: 2
OTHER FACILITIES:

REFERENCES/NOTES

(a) none
(b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU14 Date December 15, 1995
Cyclotron Model IBA - Cyclone 18/9
Institution MNI, McGill University
Address 3801 University St, Montreal, Canada
Tel 514-398-8526 Telex
Fax 514-398-8195 E-MAIL MIRKO@PET.MNI.McGill.CA
In Charge: Dr. M. Diksic Reported by: Dr. M. Diksic

HISTORY

MILESTONE DATES:
Installation 1992 First Beam Oct 1992
DESIGN/CONSTRUCTION BY: IBA
COST: Accelerator \$2,000,000 Facility \$ 4,000,000
FUNDED BY: Montreal Neur. Inst, MRC & EJLB Foundation

STATUS

STAFF: Operators 1 Technicians 2
BUDGET: Machine 100,000 Funded by MRC
TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
(a) Research-neuroscience 80 %
(b) Clinical 10 %
(c) Maintenance 10 %
(d) 0 %
(e) 0 %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) P ⁻	18	100	85
(b) D ⁻	9	50	40

1994 μ A-hours on target: 10,000

FACILITIES

SHIELDED AREA: Fixed 200 m² Moveable m²
Target Stations: 4 No. Served At Same Time: 2
OTHER FACILITIES: Radiochemistry

REFERENCES/NOTES

(a)
(b)

PLAN VIEW OF FACILITY, COMMENTS