

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
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 In Charge: Dr. Günter Firnau Reported by: Dr. Günter 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
 + other Foundations
 TIME DISTRIBUTION: (e.g. basic research, isotope production, main-
 tenance, etc.)
 (a) Isotope production 95 %
 (b) Maintenance 5 %
 (c) %
 (d) %
 (e) %

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: CU14 Date: July 1998
 Machine Name: Cyclone 18/9
 Cyclotron Model: Cyclone
 Institution: Montreal Neurological Institute
 Address: 3801 University, Montreal, P. Q.
 Tel: 514-398-8526
 Fax: 514-398-8195 Web:
 E-mail: mirko@pet.mni.mcgill.ca
 In Charge: Mirko Diksic

HISTORY

Installation: Aug. 92 First Beam: 25-01-1993
 Design/Construction by: IBA
 Funded by: MRC, EJLB Foundation

USES

Clinical 20 %
 Research 80 %
 %
 %
 %
 Total time: 250 h/year

CHARACTERISTIC BEAMS

Ions/energy/current:
 H- / max 18 MeV / 100 mA on stripper
 D- / max 9 MeV / 35 mA on stripper

EXPERIMENTAL FACILITIES

REFERENCES

PLAN VIEW OF FACILITY

COMMENTS