

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. 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, maintenance, etc.)  
 (a) Isotope production 95 %  
 (b) Maintenance 5 %  
 (c) %  
 (d) %  
 (e) %

**CHARACTERISTIC BEAMS**

Accelerated Ions	E/A (MeV/u)	Current(part $\mu$ A)	
		Internal	External
(a) H <sup>+</sup> only	10.5 MeV	100	100
(b)			

1991  $\mu$ A-hours on target: 3245

**FACILITIES**  
 SHIELDED AREA: Fixed m<sup>2</sup> Moveable m<sup>2</sup>  
 Target Stations: 4 No. Served At Same Time: 2  
 OTHER FACILITIES:

**REFERENCES/NOTES**  
 (a) none  
 (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU15 Date 1986  
 Cyclotron Model JSW BC-107  
 Institution Montreal Neurological Inst., McGill University  
 Address 3801 University St., Montreal, PQ, Canada  
 Tel 514.284.4675 Telex  
 Fax EMAIL  
 In Charge: Dr. M. Diksic Reported by: Dr. M. Diksic

**HISTORY**  
 MILESTONE DATES:  
 Installation First Beam  
 DESIGN/CONSTRUCTION BY:  
 COST: Accelerator 0.6M US\$ Facility 1.5M Can\$  
 FUNDED BY:

**STATUS**  
 STAFF: Operators Technicians  
 BUDGET: Machine Funded by  
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)  
 (a) %  
 (b) %  
 (c) %  
 (d) %  
 (e) %

**CHARACTERISTIC BEAMS**

Accelerated Ions	E/A (MeV/u)	Current(part $\mu$ A)	
		Internal	External
(a) P	10	150	50
(b) d	35	145	50

1991  $\mu$ A-hours on target:

**FACILITIES**  
 SHIELDED AREA: Fixed 20 m<sup>2</sup> Moveable m<sup>2</sup>  
 Target Stations: No. Served At Same Time:  
 OTHER FACILITIES:

**REFERENCES/NOTES**  
 (a)  
 (b)

PLAN VIEW OF FACILITY, COMMENTS