

ENTRY NO. CU18 Date
 Cyclotron Model THE CYCLOTRON CORPORATION CP42
 Institution TRIUMF
 Address 4004 Westbrook Mall, Vancouver, B.C. V6T 2A3
 Tel 604.222.1047 Telex 04508503
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 In Charge: N.R. STEVENSON Reported by: N.R. STEVENSON

HISTORY

MILESTONE DATES:
 Installation September 1978 First Beam July 1979
 DESIGN/CONSTRUCTION BY: THE CYCLOTRON CORPORATION
 COST: Accelerator Facility
 FUNDED BY: Atomic Energy of Canada Ltd. Radiochemical Co.

STATUS

STAFF: Operators 10 Technicians 5
 BUDGET: Machine \$800,000 Funded by Nordion Int.
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 85 %
 (b) PET and other research 7 %
 (c) Maintenance 8 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μA)	
		Internal	External
(a) H ⁺	11-42	200	
(b) P ⁺	11-42		200

1991 μA-hours on target: 8.1 x 10⁵

FACILITIES

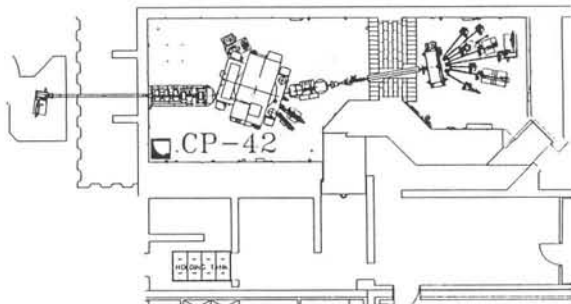
SHIELDED AREA: Fixed 100 m² Moveable m²
 Target Stations: 7 No. Served At Same Time: 1

OTHER FACILITIES:

REFERENCES/NOTES

- (a) G.O. Hendry et al., "Design and performance of a compact H⁺ cyclotron", Proc. 9th Int. Conf. on Cyclotrons, p.125 (1981)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU20 Date 27 June 1992
 Cyclotron Model MC 32 NI/NE
 Institution Rigshospitalet (University Hospital)
 Address Blegdamsvej 9, DK 2100 CPH
 Tel +45-35453896 Telex DENMARK
 Fax +45-35453898 EMAIL
 In Charge: Mikael Jensen Reported by: Mikael Jensen

HISTORY

MILESTONE DATES:
 Installation Dec. 1991 First Beam 02/19/1992
 DESIGN/CONSTRUCTION BY: Scanditronix
 COST: Accelerator 21 M. SKr Facility 16 M. SKr
 FUNDED BY: Meyer Foundation / Danish State

STATUS

STAFF: Operators 1 Technicians 1
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) PET Isotopes 50 %
 (b) other Isotopes 50 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μA)	
		Internal	External
(a) H ⁺	32 MeV		60
(b) D ⁺	16 MeV		60

1991 μA-hours on target: -

FACILITIES

SHIELDED AREA: Fixed 50 m² Moveable m²
 Target Stations: 2 No. Served At Same Time: 2

OTHER FACILITIES:

REFERENCES/NOTES

- (a) External Ion Source
- (b) to be installed

PLAN VIEW OF FACILITY, COMMENTS

