

ENTRY NO. CUI6 Date June 29/1992
 Cyclotron Model Scanditronix MCI7
 Institution PET Centre, Clarke Institute of Psychiatry
 Address 250 College Street, Toronto, Canada M5T 1R8
 Tel (416) 979.4650 Telex
 Fax (416) 979.4656 EMAIL
 In Charge: S. Houle Reported by: S. Houle

HISTORY

MILESTONE DATES:
 Installation June 91 - April 92 First Beam May 1992
 DESIGN/CONSTRUCTION BY: CIP & Scanditronix
 COST: Accelerator Facility
 FUNDED BY: Government of Ontario

STATUS

STAFF: Operators Technicians
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) PET Research 85 %
 (b) PET Clinical 10 %
 (c) Maintenance 5 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p ⁺	17	75	60
(b) d ⁺	8.5		

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed 50 m² Moveable m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CUI7 Date
 Cyclotron Model TR 30
 Institution TRIUMF
 Address 4004 Wesbrook Mall, Vancouver BC, Canada V6T 2A3
 Tel (604) 222-1047 Telex (O) 4508503
 Fax (604) 222-1074 EMAIL NIGEL@TRIUMF.CL
 In Charge: N.R. Stevenson Reported by: N.R. Stevenson

HISTORY

MILESTONE DATES:
 Installation Jun 89 - Jun 90 First Beam July 1990
 DESIGN/CONSTRUCTION BY: TRIUMF/ERGO
 COST: Accelerator \$3,500,000 Facility \$10,000,000
 FUNDED BY: Nordion International Inc.

STATUS

STAFF: Operators 10 Technicians 5
 BUDGET: Machine \$800,000 Funded by Nordion Int. Inc.
 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 μ A)	
		Internal	External
(a) H ⁺	15-30	420 H ⁻	420 p ⁺
(b)			

1991 μ A-hours on target: 1.84 x 10e6

FACILITIES

SHIELDED AREA: Fixed 100 m² Moveable m²
 Target Stations: 3 No. Served At Same Time: 2
 OTHER FACILITIES:

REFERENCES/NOTES

(a) B.F. Milton et al, Particle Accelerator Conf, 1991
 (b) IEEE p.65

PLAN VIEW OF FACILITY, COMMENTS

