

ENTRY NO. CU15 Date June 29/1992
 Cyclotron Model Scanditronix MC17
 Institution PET Centre, Clarke Institute of Psychiatry
 Address 250 College Street, Toronto, Canada M5T 1R8
 Tel (416) 979 4650 Telex
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 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: CU16 Date: June 5, 1998
 Machine Name: TR13
 Cyclotron Model: TR13
 Institution: TRIUMF
 Address: 4004 Wesbrook Mall, Vancouver, BC V6T 2A3
 Canada
 Tel: 604-222-1047
 Fax: 604-222-1074 Web: http://www.triumf.ca
 E-mail: Buckley@TRIUMF.CA
 In Charge: Ken Buckley

HISTORY

Installation: July 1993 First Beam: October 1993
 Design/Construction by: TRIUMF/EBCO Technologies
 Funded by: TRIUMF/EBCO

USES

Radioisotope Production - 90 %
 Maintenance - 10 %
 Total time: 1500 h/year

CHARACTERISTIC BEAMS

Ions/energy/current:

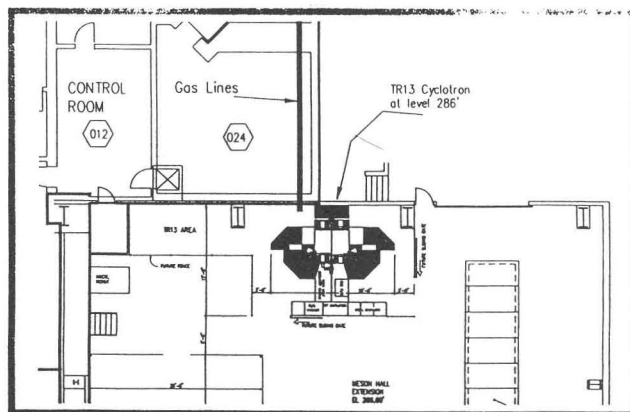
Protons/13MeV/dual 50 μ A

EXPERIMENTAL FACILITIES

Radioisotope Production Targets

REFERENCES

PLAN VIEW OF FACILITY



TRIUMF TR13 CYCLOTRON

COMMENTS