

ENTRY NO. CU68 Date Sept. 1995
 Cyclotron Model Scanditronix MC 35
 Institution Dept. of Physics, Univ. of Oslo
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 In Charge: M. Guttormsen Reported by: S. Messelt

HISTORY

MILESTONE DATES:
 Installation First Beam 1979
 DESIGN/CONSTRUCTION BY: Scanditronix AB, Sweden
 COST: Accelerator Nkr 6 mill. Facility 2 mill.
 FUNDED BY: Univ. of Oslo and Norw. Res. Council

STATUS

STAFF: Operators 2 Technicians
 BUDGET: Machine Nkr 0.6 mill. Funded by Univ. Res. Coun.
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Basic nuclear research 80 %
 (b) Nuclear chem. 10 %
 (c) Maintenance etc. 10 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) p	8 - 35		1 - 10
(b) ^3He	4 - 15		0.1 - 3

1994 μ A-hours on target: 440

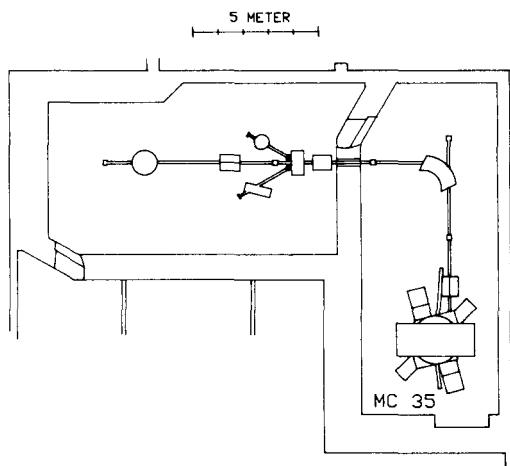
FACILITIES

SHIELDED AREA: Fixed 150 m² Moveable
 Target Stations: 4 No. Served At Same Time: 1
 OTHER FACILITIES: ^3He recycling,
 CACTUS/SIRI particle-gamma multidetector system

REFERENCES/NOTES

(a) Annual Reports 1979 - 94, Nuclear Physics Group, Univ. of Oslo

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU70 Date
 Cyclotron Model TCC Model CS-30
 Institution King Faisal Specialist Hospital & Research Centre
 Address P.O. Box 3354, Riyadh 11211, Saudi Arabia
 Tel 464-7272 Ext. 1770 Telex 401050 RYSPEC SJ
 Fax 0-966-1-441-4839 EMAIL
 In Charge: Edward D. Carroll Reported by: Salman Millebari

HISTORY

MILESTONE DATES: March
 Installation Factory Test/1977 First Beam October 1981
 DESIGN/CONSTRUCTION BY: The Cyclotron Corporation
 COST: Accelerator Facility
 FUNDED BY: Government of Saudi Arabia

STATUS

STAFF: Operators 4 Technicians 1
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 75 %
 (b) Neutron Therapy 20 %
 (c) Maintenance 5 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) p	26	200	60
(b) d	7	300	100
^3He	13	135	60
^4He	7	90	50

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed 190 m² Moveable 0 m²
 Target Stations: 9 No. Served At Same Time: 1
 OTHER FACILITIES: Isotope production
 Isocentric neutron production

REFERENCES/NOTES

(a) IEEE Trans Nucl. Sci. NS-14, 70-71 (1967)
 (b) NS-16, 500-503 (1969)

PLAN VIEW OF FACILITY, COMMENTS

