

ENTRY NO. CU63 Date 23/7/92
 Cyclotron Model OSCAR
 Institution NKK Corporation
 Address 2-1 SUEHIRO-CHO, TSURUMI-KU, YOKOHAMA 230 JAPAN
 Tel 81-45-505-7537 Telex
 Fax 81-45-505-7553 EMAIL
 In Charge: Reported by: MICHIO SHIMIZU

ENTRY NO. CU64 Date June 12, 1992
 Cyclotron Model Scanditronix MC17F
 Institution PET-Center, University Hospital
 Address Oostersingel 59 NL-9713 EZ Groningen, Netherlands
 Tel +31 50 61 3311 Telex 53942 azgn NL
 Fax +31 50 696619 EMAIL CIL @ KVI-NL
 In Charge: W. Vaalburg Reported by: A.M.J. Paans

HISTORY

MILESTONE DATES:
 Installation JUNE 1991 First Beam JULY 1991
 DESIGN/CONSTRUCTION BY: OXFORD INSTRUMENTS
 COST: Accelerator Facility
 FUNDED BY:

HISTORY

MILESTONE DATES:
 Installation 1991 First Beam March 1991
 DESIGN/CONSTRUCTION BY: Scanditronix AB
 COST: Accelerator MODEL Facility 12.MDEL
 FUNDED BY: University Hospital + University of Groningen

STATUS

STAFF: Operators 5 Technicians 3
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Development of PET chemistry modules 90 %
 (b) Neutron radio graphy (1993 -) 0 %
 (c) Maintenance 10 %
 (d) %
 (e) %

STATUS

STAFF: Operators Technicians
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope production (11C, 13N, 15O, 18F) 100 %
 (b) %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) H	12	100	100
(b)			

1991 μ A-hours on target: 10,000

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p	17 MeV	74	65
(b) d	8.5 MeV	78	50

1991 μ A-hours on target: 4100 μ Ah

FACILITIES

SHIELDED AREA: Fixed 72 m² Moveable m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES: 2
 Hot chemistry room 80 m

FACILITIES

SHIELDED AREA: Fixed 55 m² Moveable m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES: 1 target station with B target exchanger
 Radiochemical Laboratory
 Siemens ECAT 951/31 Positron camera

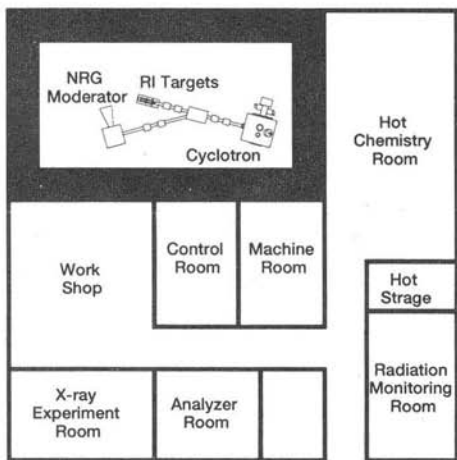
REFERENCES/NOTES

(a)
 (b)

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS



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