

ENTRY NO. CU65 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

HISTORY

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

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) %

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

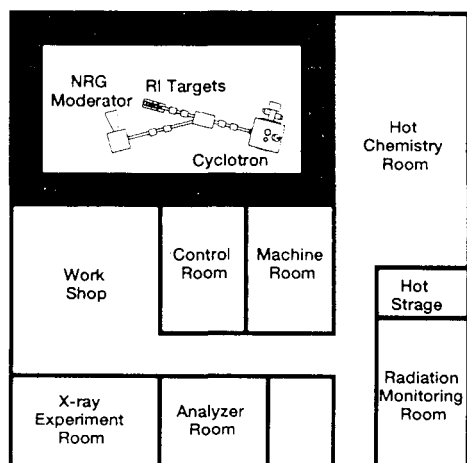
FACILITIES

SHIELDED AREA: Fixed 72 m² Moveable 7 m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES: 2
 Hot chemistry room 80 m

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU66 Date August 11, 1995
 Cyclotron Model Scanditronix MC 17F
 Institution PET-Center, Groningen University Hospital
 Address P.O.Box 30.001, 9700 RB Groningen, Netherlands
 Tel 31 50 361 3311 Telex 53942 azgn nl
 Fax 31 50 369 6619 E-MAIL
 In Charge: W. Vaalburg Reported by: A.M.J. Paans

HISTORY

MILESTONE DATES:
 Installation 1991 First Beam March 1991
 DESIGN/CONSTRUCTION BY: Scanditronix AB
 COST: Accelerator 4 MDEL Facility 15 MDEL
 FUNDED BY: University Hospital + University of Gron.

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) p	17	75	65
(b) d	8.5	75	50

1994 μ A-hours on target: 15000

FACILITIES

SHIELDED AREA: Fixed 55 m² Moveable m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES: 1 target station with 8 targets
 Radiochemical Laboratory
 Positron Camera: Siemens/CTI ECAT 951/31

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS