

ENTRY NO. **CU68** 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

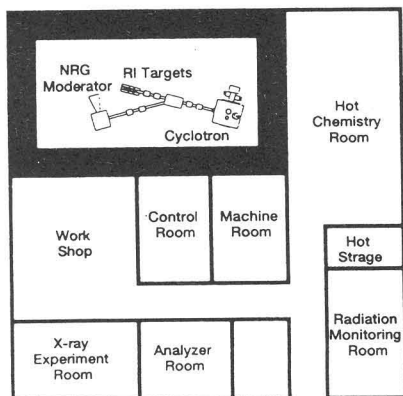
Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) H	12	100	100
(b)			

1991 μ A-hours on target: **10,000**

FACILITIES
 SHIELDED AREA: Fixed **72** m² Moveable **0** m²
 Target Stations: **1** No. Served At Same Time: **1**
 OTHER FACILITIES: **2**
 Hot chemistry room **80** m²

REFERENCES/NOTES
 (a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS



Entry: **CU69** Date: **29-05-98**
 Machine Name:
 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**
 Fax: **+31 50 361 1687** Web:
 E-mail: **a.m.j.paans@pet.azg.nl**
 In Charge: **A.M.J. Paans**

HISTORY
 Installation: **1991** First Beam: **March 1991**
 Design/Construction by: **Scanditronix**
 Funded by: **University Hospital and University of Groningen**

USES
 Production of PET radionuclides **11C, 13N, 15O, 18F**. **100** %
 %
 %
 %
 %
 %
 Total time: **1000** h/year

CHARACTERISTIC BEAMS
 Ions/energy/current:
 p, **17** MeV, **50** μ A
 d, **8.5** MeV, **50** μ A

EXPERIMENTAL FACILITIES
 Cyclotron + **8** target positions on target ladder
 Radiochemical, radiopharmaceutical laboratories
 PET-Scanners (Siemens Exact 951 and Siemens Exact HR+)

REFERENCES
 Annual Reports PET-Center AZG/RUG

PLAN VIEW OF FACILITY

COMMENTS

