

ENTRY NO. CU71 Date
 Cyclotron Model SCANDITRONIX MC17
 Institution KAROLINSKA HOSPITAL, DEP. CLIN. NEUROFYS
 Address BOX 60500, S-104 01 STOCKHOLM, SWEDEN
 Tel (8) 729 5590 Telex
 Fax (8) 33 99 53 EMAIL
 In Charge: G. PRINZ Reported by: G. PRINZ

HISTORY

MILESTONE DATES:
 Installation JUN 81- DEC 81 First Beam DEC 1981
 DESIGN/CONSTRUCTION BY: SCANDITRONIX AB
 COST: Accelerator Facility
 FUNDED BY: RESEARCH GRANTS

STATUS

STAFF: Operators Technicians 2
 BUDGET: Machine 40 000 USD Funded by HOSPITAL
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a)	MAINTENANCE	10-15	%
(b)	ISOTOPE PRODUCTION	85-90	%
(c)			%
(d)			%
(e)			%

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p	17	> 50 μ A	50 μ A
(b) d	8.5	> 25 μ A	25 μ A

1991 μ A-hours on target:

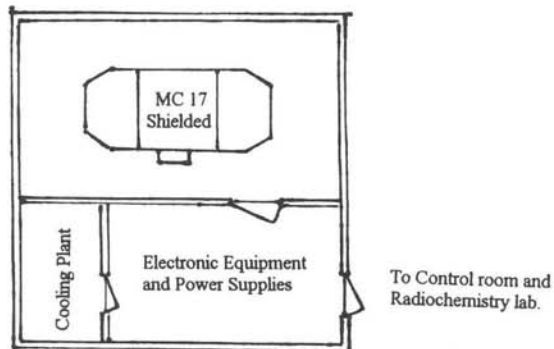
FACILITIES

SELF SHIELDED CYKLOTRON
 SHIELDED AREA: Fixed m² Moveable m²
 Target Stations: No. Served At Same Time: 1
 OTHER FACILITIES: PET RADIOCHEMISTRY LAB + 2 PET CAMERAS

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU72 Date
 Cyclotron Model MC17
 Institution Uppsala University PET-Centre
 Address Akademiska Sjukhuset, 751 85 Uppsala
 Tel (46) 18 18 33 81 Telex
 Fax (46) 18 18 33 90 EMAIL
 In Charge: Bengt. Långström Reported by: Robert. Reineck

HISTORY

MILESTONE DATES:
 Installation dec. 90 - may. 91 First Beam may. 91
 DESIGN/CONSTRUCTION BY: Scanditronix AB
 COST: Accelerator 13.000.000 SKr Facility 104.000.000 SKr
 FUNDED BY: Various Funds

STATUS

STAFF: Operators 6 Technicians 1
 BUDGET: Machine 1.3 MSkr Funded by PET-Centre
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a)	Isotope production	93	%
(b)	Maintenance	7	%
(c)			%
(d)			%
(e)			%

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) H+	17	80	65
(b) D+	8.5	80	50

1991 μ A-hours on target: 10 000

FACILITIES

SHIELDED AREA: Fixed 40 m² Moveable m²
 Target Stations: 1 No. Served At Same Time:
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

