

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 $\mu$ A)	
		Internal	External
(a) p	17	> 50 $\mu$ A	50 $\mu$ A
(b) d	8.5	> 25 $\mu$ A	25 $\mu$ A

1991  $\mu$ A-hours on target: .....

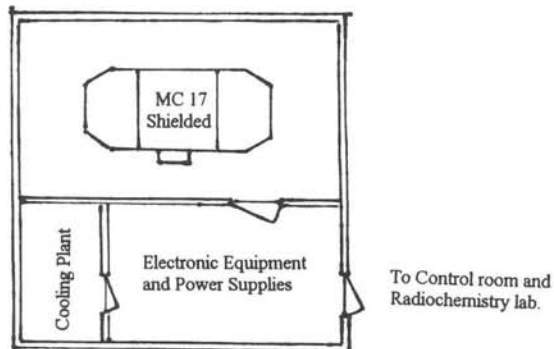
**FACILITIES**

SELF SHIELDED CYKLOTRON  
 SHIELDED AREA: Fixed ..... m<sup>2</sup> Moveable ..... m<sup>2</sup>  
 Target Stations: ..... No. Served At Same Time: .....  
 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 $\mu$ A)	
		Internal	External
(a) H+	17	80	65
(b) D+	8.5	80	50

1991  $\mu$ A-hours on target: 10 000

**FACILITIES**

SHIELDED AREA: Fixed 40 m<sup>2</sup> Moveable ..... m<sup>2</sup>  
 Target Stations: 1 No. Served At Same Time: .....  
 OTHER FACILITIES: .....

**REFERENCES/NOTES**

(a) .....  
 (b) .....

**PLAN VIEW OF FACILITY, COMMENTS**

