

ENTRY NO. CU22 Date January 1, 1992
 Cyclotron Model Cyclone 3
 Institution Turku Medical Cyclotron PET Center
 Address Turku University Central Hospital
 Tel 358-21-611611 Telex SF.20520 Turku, Finland
 Fax 358-21-318191 EMAIL
 In Charge Hannu Sipila Reported by Hannu Sipila

HISTORY

MILESTONE DATES:
 Installation January 7, 1992 First Beam April 15, 1992
 DESIGN/CONSTRUCTION BY: Ion Beam Applications
 COST: Accelerator 2400000 FIM Facility 700000 FIM
 FUNDED BY: Turku University Central Hospital (TUCH)

STATUS

STAFF: Operators 2 Technicians 1
 BUDGET: Machine 2 Funded by TUCH
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 95 %
 (b) Maintenance 5 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) Deuterons	3.85	100	70
(b)			

1991 μ A-hours on target:

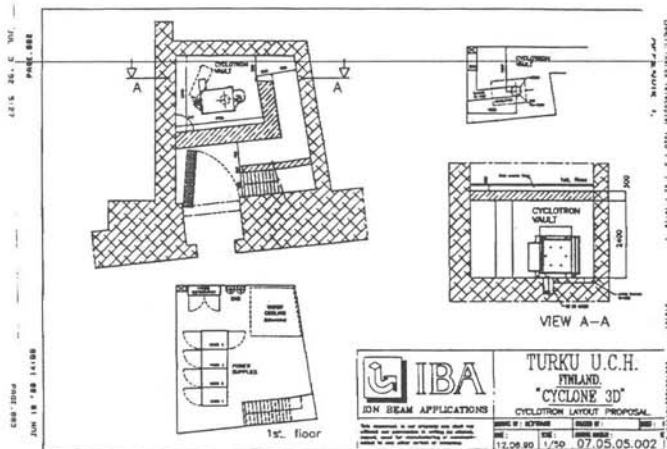
FACILITIES

SHIELDED AREA: Fixed 8 m² Moveable m²
 Target Stations: 4 No. Served At Same Time:
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU23 Date 15 juin 1992
 Cyclotron Model 520 CGR MEV
 Institution CEA/DRIIPP Service Hospitalier Frédéric Joliot
 Address 91406 ORSAY, FRANCE
 Tel 69.86.77.04 Telex
 Fax 69.86.77.68 EMAIL
 In Charge G. CROUZEL Reported by G. CROUZEL

HISTORY

MILESTONE DATES:
 Installation 1975 First Beam May 1975
 DESIGN/CONSTRUCTION BY: CGR MEV
 COST: Accelerator Facility
 FUNDED BY: CEA

STATUS

STAFF: Operators Technicians
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotopes production ¹¹C, ¹⁸F, ¹⁵O, ⁷⁶Br 100 %
 (b) %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) Proton		200	70
(b) Deuteron		200	70
Helium -3		100	50

1991 μ A-hours on target: 30 μ A

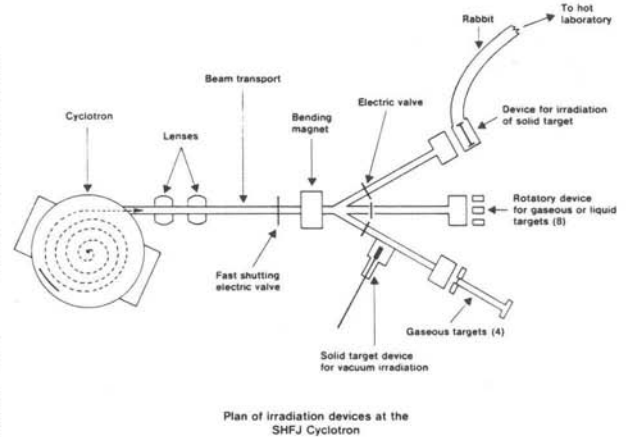
FACILITIES

SHIELDED AREA: Fixed m² Moveable m²
 Target Stations: 3 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS



Plan of irradiation devices at the SHFJ Cyclotron