

ENTRY NO. CU22 Date October 3, 1995
 Cyclotron Model CYCLONE 3
 Institution TUCH, Turku Medical Cyclotron PET Centre
 Address FIN-20500 TURKU FINLAND
 Tel +358-21-2611860 Telex
 Fax +358-21-2318191 E-MAIL Han.Sipila@utu.fi
 In Charge: Hannu Sipilä Reported by: Hannu Sipilä

HISTORY

MILESTONE DATES:
 Installation 1-5/92 First Beam 4/92
 DESIGN/CONSTRUCTION BY: IBA sa, Belgium
 COST: Accelerator 2.3 MEIM Facility 1 MEIM
 FUNDED BY: Turku University Central Hospital (TUCH)

STATUS

STAFF: Operators 1 (no full time) Technicians 1 (no full time)
 BUDGET: Machine 75000 FIM 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	3.8/2	80-100 50-60
(b)		

1994 μ A-hours on target: about 11750 (470h x 25uA)

FACILITIES

SHIELDED AREA: Fixed: about 9 m² Moveable m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

Maximum extracted current on the aluminium target,
 about 120 uA

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: C. 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 11, 18, 15, 76 Br 100 %
 (b) %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)
		Internal External
(a) Proton		200 7.0
(b) Deuteron		200 7.0
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

