

Entry: **CU22** Date:
 Machine Name: CYCLONE3
 Cyclotron Model:
 Institution: Turku PET Centre
 Address: Box 52, Fin-20520, Turku, Finland.....
 Tel: +358-2-2611860.....
 Fax: +358-2-2318191 Web: www.utu.fi/MED/PET.....
 E-mail: hannu.sipila@tyks.fi.....
 In Charge: Hannu Silpa.....

HISTORY

Installation: 1992..... First Beam: 5/1992.....
 Design/Construction by: IBA.....
 Funded by:

USES

Isotope Production..... 95 %
 Maintenance..... 5 %
 %
 %
 %
 Total time: 500 h/year

CHARACTERISTIC BEAMS

Ions/energy/current:
 d + 3.8 MeV / 60 μ A.....

EXPERIMENTAL FACILITIES

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REFERENCES

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PLAN VIEW OF FACILITY

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COMMENTS

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ENTRY NO. CU23 Date 15 juin 1992.....
 Cyclotron Model 520 CGR MEV.....
 Institution CEA/DRIPP - Service Hospitalier Frédéric Joliot
 Address 91406 ORSAY, FRANCE.....
 Tel 69 86 77 04 Telex
 Fax 69 86 77 6A EMAIL
 In Charge: C. CROUZEL Reported by: C. 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}C , ^{18}F , ^{15}O , ^{76}Br 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:

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REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

