

Entry: **CU87** Date 5/6/98
Machine Name: Scanditronix
Cyclotron Model: MC40 Mark II
Institution: MRC Cyclotron Unit
Address: ICSM, Hammersmith Hospital
Tel: 0181 383 3162 London W12 ONN UK
Fax: 0181 383 3029 **Web:** http//cu.rpms.ac.uk
E-mail: bmackay@rpms.ac.uk
In Charge: D B Mackay

HISTORY

Installation: 1985 **First Beam:** 1986
Design/Construction by: Scanditronix
Funded by: Medical Research Council

USES

Production of PET tracers	75%
Off-site medical isotope production	25%
.....	%
.....	%
.....	%
Total time:	5000 h/year

CHARACTERISTIC BEAMS

Ions/energy/current:

Proton 10-40 MeV 100 µA EXT
 Deuteron 5-20 MeV 100 µA EXT
 Alpha 10-40 MeV 60 µA EXT
 Helium-3 13-53 MeV 50 µA EXT

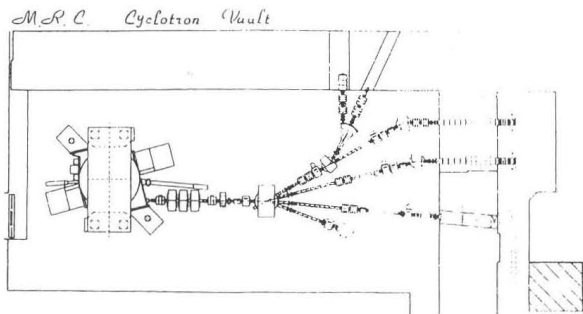
EXPERIMENTAL FACILITIES

80 m² Shielded Area
 5 Operational Beam Lines, 2 terminating in 12 position target chargers.
 Extensive radio-chemistry facilities.
 5 x PET scanner

REFERENCES

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PLAN VIEW OF FACILITY



COMMENTS

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Entry: **CU88** Date 5/6/98
Machine Name: IBA
Cyclotron Model: Cyclone 3D
Institution: MRC Cyclotron Unit
Address: ICSM, Hammersmith Hospital
Tel: 0181 383 3162 London W12 ONN UK
Fax: 0181 383 3029 **Web:** http//cu.rpms.ac.uk
E-mail: bmackay@rpms.ac.uk
In Charge: D B Mackay

HISTORY:

Installation: 1991 **First Beam:** 1991
Design/Construction by: IBA
Funded by: Medical Research Council

USES

150 Production for PET	100%
.....	%
.....	%
.....	%
Total time:	1000 h/year

CHARACTERISTIC BEAMS

Ions/energy/current:

Deuteron 3.6 MeV, 60µA Int. Target

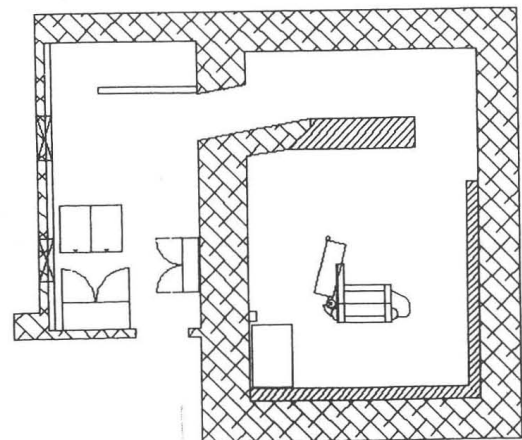
EXPERIMENTAL FACILITIES

20 m² Shielded Area

REFERENCES

13th Intl. Conference on Cyclotrons and their Applications, Vancouver 1992.
 p. 218.

PLAN VIEW OF FACILITY



COMMENTS

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