

ENTRY NO. CU77 Date 10 July 1992
 Cyclotron Model CP-42
 Institution AMERSHAM INTERNATIONAL PLC
 Address AMERSHAM LABORATORIES, WHITE LION ROAD, AMERSHAM,
 Tel (0)494-3550 Telex ACTIVLG BUCKS
 Fax (0)494-3674 EMAIL
 In Charge: JIM GREY-MORGAN Reported by: DEWI M. LEWIS

HISTORY

MILESTONE DATES:

Installation 1980 First Beam 1981
 DESIGN/CONSTRUCTION BY: CYCLOTRON CORP.
 COST: Accelerator US\$ 2M Facility
 FUNDED BY: UK ATOMIC ENERGY AUTHORITY

STATUS

STAFF: Operators 6 Technicians 4
 BUDGET: Machine Funded by Commercial
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) ISOTOPE PRODUCTION 70 %
 (b) MAINTENANCE 30 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p	42	260	250 max.
(b) p	30	340	320 max.
p	11	150	

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed m² Moveable m²
 Target Stations: 2 No. Served At Same Time: 1
 OTHER FACILITIES:
 REMOTE CONTROLLED TARGETS
 COMPUTER AUTOMATED TGTAL SYSTEM

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU78 Date 10 JULY 1992
 Cyclotron Model MC-40 Mk2
 Institution AMERSHAM INTERNATIONAL PLC
 Address AMERSHAM LABORATORIES, WHITE LION ROAD, AMERSHAM,
 Tel (0)494-54-3550 Telex ACTIVLG BUCKS
 Fax (0)494-54-3674 EMAIL
 In Charge: JIM GREY-MORGAN Reported by: DEWI M. LEWIS

HISTORY

MILESTONE DATES:

Installation 1986 First Beam 1986
 DESIGN/CONSTRUCTION BY: SCANDITRONIX AB
 COST: Accelerator APPROX \$1.5M Facility
 FUNDED BY: Commercial

STATUS

STAFF: Operators 6 Technicians 4
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) ISOTOPE PRODUCTION 70 %
 (b) MAINTENANCE 30 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p	11.7 35.5		
(b)	33.5	250	max.

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed m² Moveable m²
 Target Stations: 2 No. Served At Same Time: 1
 OTHER FACILITIES:
 AUTOMATED CYCLOTRON
 REMOTE CONTROL TARGETS

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS