

ENTRY NO. CU87 Date
Cyclotron Model Sanditronix MC-40
Institution Amersham/Medi-Physics
Address 3350 N. Ridge Ave., Arlington Heights, IL 60004
Tel (708)398-8400 Telex
Fax (708)398-8413 E-MAIL
In Charge: Brian F. Carus Reported by:

HISTORY

MILESTONE DATES:
Installation 1981 First Beam May 1982
DESIGN/CONSTRUCTION BY: Scanditronix
COST: Accelerator Facility
FUNDED BY:

STATUS

STAFF: Operators 1 Technicians 3
BUDGET: Machine Funded by
TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
(a) Isotope Production 80 %
(b) Maintenance 20 %
(c) %
(d) %
(e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) H ⁺	18 - 40	200	75
(b)			

1994 μ A-hours on target: 5.5×10^5

FACILITIES

SHIELDED AREA: Fixed: 115 m² Moveable 0 m²
Target Stations: 2 No. Served At Same Time: 1
OTHER FACILITIES:

REFERENCES/NOTES

(a)
(b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU88 Date
Cyclotron Model CGR MeV - Sumitomo 750 PV
Institution Amersham/Medi-Physics
Address 3350 N. Ridge Ave., Arlington Heights, IL 60004
Tel (708)398-8400 Telex
Fax (708)398-8413 E-MAIL
In Charge: Brian F. Carus Reported by:

HISTORY

MILESTONE DATES:
Installation 1985 First Beam May 1986
DESIGN/CONSTRUCTION BY: CGR MeV/Sumitomo
COST: Accelerator Facility
FUNDED BY:

STATUS

STAFF: Operators 0 Technicians 4
BUDGET: Machine Funded by
TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
(a) Isotope Production 80 %
(b) Maintenance 20 %
(c) %
(d) %
(e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) H ⁺	25 - 70	200	100
(b)			

1994 μ A-hours on target: 5.5×10^5

FACILITIES

SHIELDED AREA: Fixed: 175 m² Moveable 0 m²
Target Stations: 2 No. Served At Same Time: 1
OTHER FACILITIES:

REFERENCES/NOTES

(a)
(b)

PLAN VIEW OF FACILITY, COMMENTS