

ENTRY NO. **CU91** 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. **CU92** 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