

ENTRY NO. **CU89** Date

Cyclotron Model **CS-30** The Cyclotron Corp. (TCC)

Institution **University of Michigan Medical School**

Address **3480 Kresge III, Ann Arbor, MI 48109-0552**

Tel **313-936-1186** Telex

Fax **313-764-0288** E-MAIL **D.Evans@UMICH.EDU**

In Charge: **Dr. David E. Kuhl** Reported by: **R. Lininger**

HISTORY

MILESTONE DATES:

Installation **Feb. '82-Nov. '82** First Beam **April 1982**

DESIGN/CONSTRUCTION BY: **The Cyclotron Corporation**

COST: Accelerator **\$1.6 Million** Facility **\$6.5 Million**

FUNDED BY: **NIH, Kresge Foundation and Medical School**

STATUS

STAFF: Operators **2** Technicians **1**

BUDGET: Machine **not available**. Funded by **Grants**

TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a) Isotope production	90	%
(b) Maintenance	10	%
(c)		%
(d)		%
(e)		%

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) p+	26		20
(b) d+	16		20

1994 μ A-hours on target: **4646**

FACILITIES

SHIELDED AREA: Fixed: **75** m² Moveable m²

Target Stations: **1** No. Served At Same Time: **1**

OTHER FACILITIES:

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. **CU90** Date

Cyclotron Model **Scanditronix 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 **1978** First Beam **Feb. 1979**

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	
(b)			

1994 μ A-hours on target: **5.5 x 10⁵**

FACILITIES

SHIELDED AREA: Fixed: **140** m² Moveable **0** m²

Target Stations: **2** No. Served At Same Time: **1**

OTHER FACILITIES:

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS