

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 $\mu$ A)	
		Internal	External
(a) <b>p+</b>	<b>26</b>		<b>20</b>
(b) <b>d+</b>	<b>16</b>		<b>20</b>

1994  $\mu$ A-hours on target: **4646**

**FACILITIES**

SHIELDED AREA: Fixed: **75** m<sup>2</sup> Moveable ..... m<sup>2</sup>

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 $\mu$ A)	
		Internal	External
(a) <b>H+</b>	<b>18 - 40</b>	<b>200</b>	
(b)			

1994  $\mu$ A-hours on target: **5.5 x 10<sup>5</sup>**

**FACILITIES**

SHIELDED AREA: Fixed: **140** m<sup>2</sup> Moveable **0** m<sup>2</sup>

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

OTHER FACILITIES: .....

**REFERENCES/NOTES**

(a) .....

(b) .....

**PLAN VIEW OF FACILITY, COMMENTS**