

ENTRY NO. CU85 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-MAILD.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) $^3\text{He}^+$ | 26          |                        | 20       |
| (b) $\text{d}^+$    | 16          |                        | 20       |

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. CU86 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) $\text{H}^+$ | 18 - 40     | 200                    |          |
| (b)              |             |                        |          |

1994  $\mu$ A-hours on target:  $5.5 \times 10^5$

#### 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