

ENTRY NO. **CU129** Date

Cyclotron Model Cyclone-30

Institution Amersham Med+Physics

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In Charge: W.L. McClain Reported by: A. Cichy

HISTORY

MILESTONE DATES:
 Installation

DESIGN/CONSTRUCTION BY: Ion Beam Applications

COST: Accelerator

FUNDED BY:

STATUS

STAFF: Operators

BUDGET: Machine

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

(a) Isotope Production

(b) Maintenance

(c)

(d)

(e)

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) H ⁺	15-30	350	350
(b)

1994 μ A-hours on target: 1.5e6

FACILITIES

SHIELDED AREA: Fixed: 145 m² Moveable

Target Stations: 4 No. Served At Same Time: 2

OTHER FACILITIES:

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. **CU130** Date 02-OCT-95

Cyclotron Model JSW 1710

Institution Brookhaven National Laboratory

Address Bldg. 901, Upton, New York 11973-5000

Tel (516) 282-4587 Telex

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In Charge: J. S. Fowler Reported by: D. J. Schlyer

HISTORY

MILESTONE DATES:
 Installation 1981 First Beam 1982

DESIGN/CONSTRUCTION BY: Japan Steel Works

COST: Accelerator

FUNDED BY: DOE/NIH

STATUS

STAFF: Operators

BUDGET: Machine 300,000 Funded by

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

(a) PET isotope production

(b) Basic research

(c)

(d)

(e)

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) H ⁺	17.4	80	50
(b) D ⁺	10.0	80	40

1994 μ A-hours on target: 6000

FACILITIES

SHIELDED AREA: Fixed: 100 m² Moveable 0 m²

Target Stations: 6 No. Served At Same Time: 1

OTHER FACILITIES:

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS