

ENTRY NO. CU93 **Date**
Cyclotron Model Scanditronix MC-16F
Institution Johns Hopkins University
Address Nuclear Medicine
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In Charge: R.F. Dannals **Reported by:** R.F. Dannals

HISTORY

MILESTONE DATES:
Installation 2/82 **First Beam** 4/82
DESIGN/CONSTRUCTION BY: Scanditronix
COST: Accelerator \$1 M **Facility**
FUNDED BY: NINDS

STATUS

STAFF: Operators 3 **Technicians**
BUDGET: Machine \$1 M **Funded by** NIH
TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Research - PET 95. %
 (b) Maintenance 5. %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

| Accelerated Ions | E/A (MeV/u) | Current(part μ A) | |
|------------------|-------------|-----------------------|----------|
| | | Internal | External |
| (a) Proton | 16 | 75 | 50 |
| (b) Deuteron | 8 | 75 | 50 |

1991 μ A-hours on target: 780

FACILITIES

SHIELDED AREA: Fixed m² **Moveable** 10 m²
Target Stations: 4 **No. Served At Same Time:** 1

OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

