

ENTRY NO. CU37 Date

Cyclotron Model CGR-MEV CYPRLS 325

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In Charge: P. SALVADORI

ENTRY NO. CU39 Date

Cyclotron Model JSW BC-168

Institution Research Inst. for Brain & Blood Vessels-AKITA

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In Charge: Kazuo Uemura

HISTORY

MILESTONE DATES:
 Installation 1985 First Beam 1986
 DESIGN/CONSTRUCTION BY: CGR MEV - FRANCE
 COST: Accelerator 900,000 USD Facility 1,100,000 USD
 FUNDED BY: NATIONAL COUNCIL OF RESEARCH (CNR)

HISTORY

MILESTONE DATES:
 Installation Oct.1982-Apr.1983 First Beam Feb.1983
 DESIGN/CONSTRUCTION BY:
 COST: Accelerator ¥ 300,000,000 Facility

STATUS

STAFF: Operators 1 Technicians 2
 BUDGET: Machine 400,000 Funded by CNR
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) isotope production 80 %
 (b) basic research 16 %
 (c) maintenance 5 %
 (d)

STATUS

STAFF: Operators 3 Technicians 1
 BUDGET: Machine ¥ 15,000,000 Funded by Akita Prefecture
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope production for clinical use 80 %
 (b) Isotope production for basic research 10 %
 (c) Maintenance 10 %
 (d)

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μA)	
		Internal	External
(a) p	16	80	40
(b) d	4	50	30

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μA)	
		Internal	External
(a) H+	16 - 50	8.5 H+	5.7 H+
(b) D+	8 - 50	7.2 H+	4.6 H+

1991 μA-hours on target:

1991 μA-hours on target: 4.2 x 10e4

FACILITIES

SHIELDED AREA: Fixed 50 m² Moveable

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

OTHER FACILITIES:

FACILITIES

SHIELDED AREA: Fixed 22.5 m² Moveable

Target Stations: 5 No. Served At Same Time: 1

OTHER FACILITIES:

REFERENCES/NOTES

(a)

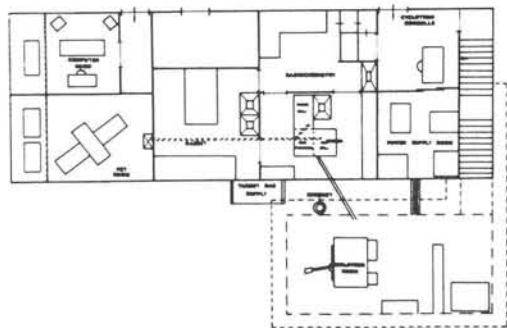
(b)

REFERENCES/NOTES

(a)

(b)

PLAN VIEW OF FACILITY, COMMENTS



PLAN VIEW OF FACILITY, COMMENTS

