

ENTRY NO. CU24 Date
 Cyclotron Model CGR MEV CYPRI3, 325
 Institution CERMEP
 Address 59, Boulevard Pinel, F-69003 LYON
 Tel 33/72 68 86 00 Telex
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 In Charge: D. LE BARS Reported by: D. LE BARS

HISTORY

MILESTONE DATES:
 Installation 1987 First Beam Dec. 1987
 DESIGN/CONSTRUCTION BY: CGR
 COST: Accelerator 15 MF Facility 60 MF
 FUNDED BY: INSERM/CNRS/UNIVERSITE

STATUS

STAFF: Operators 1 Technicians 3
 BUDGET: Machine 500 KF Funded by Idem
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) PET Studies 70 %
 (b) RESEARCH 25 %
 (c) MAINTENANCE 5 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) Protons, H ⁺	16		> 50
(b) D ⁺	8		50

1994 μ A-hours on target: 10 000

FACILITIES

SHIELDED AREA: Fixed: 20 m² Moveable / m²
 Target Stations: 8 No. Served At Same Time: /
 OTHER FACILITIES:
 4 hot cells
 PLC controlled radiosynthesis

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

N/A

ENTRY NO. CU25 Date Oct. 95
 Cyclotron Model TCC CV 28
 Institution Physikalisch-Technische Bundesanstalt
 Address Bundesallee 100, 38116 Braunschweig, FRG
 Tel 0531-5927121 Telex
 Fax 0531-5927205 E-MAIL
 In Charge: R. Böttger Reported by: R. Böttger

HISTORY

MILESTONE DATES:
 Installation 1972 - 1973 First Beam 1973
 DESIGN/CONSTRUCTION BY: The Cyclotron Corp.
 COST: Accelerator 3 x 10⁶ DM Facility 25 x 10⁶ DM
 FUNDED BY: Fed. Republic of Germany

STATUS

STAFF: Operators 3 Technicians 1
 BUDGET: Machine 200,000 DM Funded by FRG
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Basic research 90 %
 (b) Maintenance 10 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) p	24	300	100
(b) d	6,7	300	100

1994 μ A-hours on target: 2090

FACILITIES

SHIELDED AREA: Fixed: 850 m² Moveable m²
 Target Stations: 5 No. Served At Same Time:
 OTHER FACILITIES:
 Time-of-flight facility for fast neutrons

REFERENCES/NOTES

(a) Nucl. Instrum. Meth., 169 (1980) 349 - 358
 (b) Nucl. Instrum. Meth., 193 (1982) 635 - 644

PLAN VIEW OF FACILITY, COMMENTS