

ENTRY NO. CU24 Date  
 Cyclotron Model CGR MEV CYPRIIS 325  
 Institution CERMEP  
 Address 59 Boulevard Pinel, F-69003 LYON  
 Tel 33/72 68 86 00 Telex  
 Fax 33/72 68 86 10 E-MAIL lebars.univ-lyon1.fr  
 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 $\mu$ A)	
		Internal	External
(a) Protons, H <sup>+</sup>	16		> 50
(b) D <sup>+</sup>	8		50

1994  $\mu$ A-hours on target: 10 000

**FACILITIES**

SHIELDED AREA: Fixed: 20 m<sup>2</sup> Moveable / m<sup>2</sup>  
 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. CU26 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 10<sup>6</sup> DM Facility 25 x 10<sup>6</sup> 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 $\mu$ A)	
		Internal	External
(a) D	24	300	100
(b) d	6,7	300	100

1994  $\mu$ A-hours on target: 2090

**FACILITIES**

SHIELDED AREA: Fixed: 850 m<sup>2</sup> Moveable / m<sup>2</sup>  
 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**