

ENTRY NO. CU31 Date July 92
 Cyclotron Model CP42.H (KAZ)
 Institution Kernforschungszentrum Karlsruhe GmbH, Cyclotron-Lab
 Address D-7500 Karlsruhe, P.O. Box 3640, Germany
 Tel 07247-82-2433 Telex 17724714
 Fax 07247-82-3156 EMAIL
 In Charge: H. Schweickert Reported by: H. Schweickert

HISTORY

MILESTONE DATES:
 Installation 1983 First Beam 1983
 DESIGN/CONSTRUCTION BY: ICC
 COST: Accelerator \$ 2.000.000 Facility \$ 8.000.000
 FUNDED BY: Federal Government + State of Bad. Württ.

STATUS

STAFF: Operators 6 Technicians 4
 BUDGET: Machine \$ 2.000.000 Funded by Income
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 40 %
 (b) Irradiation of Machine Parts 30 %
 (c) Materials Research 20 %
 (d) Others 20 %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) H^-	15-42	200	200
(b)			

1991 μ A-hours on target:

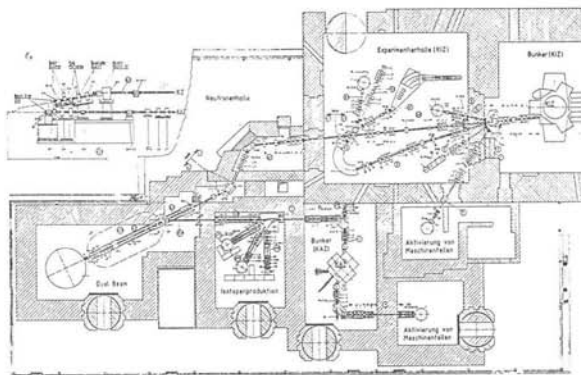
FACILITIES

SHIELDED AREA: Fixed 200 m² Moveable m²
 Target Stations: 8 No. Served At Same Time: 2
 OTHER FACILITIES:
 Dual Beam-Facility for Materials Research
 Irradiation Facility for Machine Parts

REFERENCES/NOTES

- (a) Proc. 9th Int. Conf. on Cyclotrons, p. 125
- (b)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU32 Date
 Cyclotron Model MC 17
 Institution Max-Planck-Institut für neurologische Forschung
 Address Gleueler Str. 50, D-5000 Köln 41, Germany
 Tel 0221-478-6066 Telex
 Fax 0221-4726-298 EMAIL
 In Charge: K. Wienhard Reported by: K. Wienhard

HISTORY

MILESTONE DATES:
 Installation 1987 First Beam June 1987
 DESIGN/CONSTRUCTION BY: Scanditronix
 COST: Accelerator DM 3.000.000 Facility
 FUNDED BY:

STATUS

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

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) P^+	17		20
(b) d^+	17		20

1991 μ A-hours on target: $1,2 \times 10^4$

FACILITIES

SHIELDED AREA: Fixed 40 m² Moveable m²
 Target Stations: 1 No. Served At Same Time:
 OTHER FACILITIES:

REFERENCES/NOTES

- (a)
- (b)

PLAN VIEW OF FACILITY, COMMENTS