

ENTRY NO. CU48 Date  
 Cyclotron Model CYCLONE-30  
 Institution DIICHI RADIOISOTOPE LABS. LTD  
 Address 453-1 SHIMOOKURA MATSUOMACHI SANBUGUN CHIBA  
 Tel 0479-86-4721 Telex DISOTOPE J28747  
 Fax 0479-86-5111 EMAIL  
 In Charge: Dr. K. NITTA Reported by:

**HISTORY**

MILESTONE DATES:  
 Installation 1990.11 First Beam 1991.3  
 DESIGN/CONSTRUCTION BY: I.B.A.  
 COST: Accelerator Facility  
 FUNDED BY:

**STATUS**

STAFF: Operators Technicians  
 BUDGET: Machine Funded by  
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)  
 (a) IOSTOPE PRODUCTION 100 %  
 (b) %  
 (c) %  
 (d) %  
 (e) %

**CHARACTERISTIC BEAMS**

Accelerated Ions	E/A (MeV/u)	Current(part $\mu$ A)	
		Internal	External
(a) H <sup>-</sup>	30		350
(b)			

1991  $\mu$ A-hours on target: 1200000

**FACILITIES**

SHIELDED AREA: Fixed m<sup>2</sup> Moveable m<sup>2</sup>  
 Target Stations: 4 No. Served At Same Time:  
 OTHER FACILITIES:

**REFERENCES/NOTES**

(a)  
 (b)

**PLAN VIEW OF FACILITY, COMMENTS**

ENTRY NO. CU49 Date  
 Cyclotron Model MC-40  
 Institution DIICHI RADIOISOTOPE LABS. LTD  
 Address 453-1 SHIMOOKURA MATSUOMACHI SANBUGUN CHIBA  
 Tel 0479-86-4721 Telex DISOTOPE J28747  
 Fax 0479-86-5111 EMAIL  
 In Charge: Dr. K. NITTA Reported by:

**HISTORY**

MILESTONE DATES:  
 Installation 1984.8 First Beam 1984.12  
 DESIGN/CONSTRUCTION BY: SCANDITRONIX  
 COST: Accelerator Facility  
 FUNDED BY:

**STATUS**

STAFF: Operators Technicians  
 BUDGET: Machine Funded by  
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)  
 (a) IOSTOPE PRODUCTION 100 %  
 (b) %  
 (c) %  
 (d) %  
 (e) %

**CHARACTERISTIC BEAMS**

Accelerated Ions	E/A (MeV/u)	Current(part $\mu$ A)	
		Internal	External
(a) P	30	180	
(b)			

1991  $\mu$ A-hours on target: 1080000

**FACILITIES**

SHIELDED AREA: Fixed m<sup>2</sup> Moveable m<sup>2</sup>  
 Target Stations: 1 No. Served At Same Time:  
 OTHER FACILITIES:

**REFERENCES/NOTES**

(a)  
 (b)

**PLAN VIEW OF FACILITY, COMMENTS**