Type Of Cyclotron
- Negative hydrogen ion (H-)
- External ion source, multi-cusp 5 mA
- Simultaneous dual beam extraction (multiple foil extraction cartridge)
- Standard: 2 target stations on each side of the cyclotron (total of 4 target stations)
- Option: 2 beam lines (with additional beam lines routes downstream of the extracted beam)

Beam Current
- 400 µA extracted beam current
- Higher currents available upon request

Beam Energy
- 15 to 25 MeV variable energy extraction
- 20 MeV fixed energy extraction (optional)

Magnet
- Magnet coil .................. ~56 kAT
- Magnet weight .............. ~30 tons
- Geometry .................... 4 sectors

RF System
- Resonator ................... 2 Dees
- Dee voltage .................. 60 kV
- RF frequency ............... 74 MHz, 4th harmonic
- Power required ............. 25 kW (nominal)
- Energy gain per turn .... 240 keV

Vacuum System
- Base pressure .............. <2 x 10^{-7} Torr
- Operating pressure ...... <1 x 10^{-6} Torr
- Pumps ........................ Cryogenic pump system

Automated Control System
- Computer System .......... Standard PC, Windows-based OS
- Controllers ................ Siemens Industrial PLC Modules
- User Console ............... Color monitor
- Interface .................... Graphical user interface
- Networking .................. Standard thin-wire Ethernet hardware

External Production Targets
The cyclotron is supplied with two ¹⁸F production targets complete with loading and routing to the production hot cell.
Targets for ¹⁸F, ¹¹C, ¹⁵N, ¹⁸O, ⁶⁴Cu, ¹²⁴I, ¹⁰⁳Pd and ⁹⁹mTc are available.
High current solid target stations (10 kW) and high current gas target stations (4 kW) are available upon request.