

TECHNICAL SPEC FOR Ion Implanter

System Model:

Varian E220

- Wafer size? 6 inch
- Wheel type? none
- Wafer tilt? yes
- Chuck type? clamp
- Platen type?
- Loadlock? 2
- Source (i.e. Bernas or IHC)? bernas
- Extraction system?
- Gases? Boron,phosfine
- Gas box type? sds
- Faraday type?

- Max implantation energy (in KeV)?
- Max Extraction voltage (in KeV)?
- Heat Exchanger?
- 2-Step beam reducer?
- Orienter type (flat, notched, etc...)? flat
- Number of trays? 2
- Extraction power supply:
- Acceleration power supply:
- Turbo type?
- PC type:
- Cryo type?

- PFS standard or HD?