

## Divisional Facility, BCCD



### Hot Isostatic Press

**Avure Autoclave Systems Inc., USA, QIH-6**

Temperature: 2000°C (graphite furnace),  
1450°C (molybdenum furnace)

Isostatic pressure: 200 MPa in Ar/N<sub>2</sub>



### Horizontal Vacuum Furnace, Hindhivac, India

Vacuum:  $5 \times 10^{-6}$  mbar;

Temp. 1400°C (Max.);

Sample size: 4 inch. X 4 inch. X5 inch.,

Mo heating element;

Ar, N<sub>2</sub>, H<sub>2</sub> atm



### Cold Isostatic Press

**EPSI NV, SO 10036, Belgium**

Pressure: 3000 bar

Vessel dimension: 150 mm dia. X 650 mm  
height

Wet bag process



### Gamma Ray Sterilizer, GC 5000, BRIT, BARC, India (Co<sup>60</sup>)

Works both at low and high doses;

10 kGy for food processing;

25 kGy for regular disinfection of  
metal/ceramic/polymer implants