

SPECIFICATIONS OF HPLC ULTRAPURE WATER

PURIFICATION SYSTEM:

- Instrument should have Graphical Display for Online monitoring of water Conductivity/ Resistivity.
- Instrument should have PF-010-Prefilter Cartridge of 05 micron with housing to remove particulate matter.
- Instrument should have ACP-010-Activated Carbon Cartridge with housing to remove free chlorine.
- Instrument should have ACB-010- Block Carbon Filter with housing to remove hardness
- The System should consist of spirally wound TFC Polyamide long life RO membrane with pressure polyethylene tubing and Polypropylene (PP) connectors. The RO should be safeguarded against scaling by use of anti scaling
- The RO membrane must provided with Auto flushing with time program to avoid bio film growth on the membrane R.O.
- Module should fitted with sanitization port for cleaning and disinfecting the system automatically.
- The RO Membrane should followed by nuclear grade Mixed Bed Resins to give the product of following specifications.
 - Ultra Plus water follows on line UV light to reduce the TOC and UF cartridge of 5000 NMWL cut off and an end point filter of 0.22 micron pharmaceutical grade to get finally Pyrogen free and RNase /DNase free water.
- Storage Tank System Capacity should be 20 Litre or more
- Storage Tank System Must has air vent hydrophobic filter 0.22 μ m to avoid any contamination from entering the tank.

