

Deionized Water/Water Purification Plant



Make	Model
Millipore	ELIX-3, ELIX-10 MILLI Q – ACADEMIC

- The Deionized water / Water Purification Plant is required to supply ultra high pure water for various research application.
- Normal water supply has residual particles, suspensions, minerals and biological impurities that damage the columns, detectors & chokes the capillaries, tubes & pipes in the instruments rendering them unusable.
- High ionic contents of ordinary water have also to be removed.

Specifications:

Model: Elix-3 System

- Output: 3 lts/hour
- Water Resistivity: 10 – 15 MO
- Water Conductivity: 0.067 to 0.10 $\mu\text{s}/\text{cm}$
- TOC: < 30 $\mu\text{g}/\text{lt}$.

Model: Elix-10 System

- Output: 10 lts/hour
- Water Resistivity: 10 – 15 MO
- Water Conductivity: 0.067 to 0.10 $\mu\text{s}/\text{cm}$
- TOC: < 30 $\mu\text{g}/\text{lt}$.

Model: Milli-Q Academic

- Output: 1.5 lts/hour
- Water Resistivity: 18.2 MO
- Water Conductivity: 0.055 to 0.7 $\mu\text{s}/\text{cm}$
- TOC: 5 to 10 ppb

Applications:

The ultra pure water is a mandatory requirement for of High Performance Liquid Chromatography System, Inductively coupled Plasma Spectrometer, X-Ray Diffractometer, Electron Microscope, UV-VIS-NIR Spectrometer etc.