

Product Name :
Industrial Process Plant Trainer

Product Code :
PCL0002



Description :

Industrial Process Plant Trainer

Technical Specification :

Industrial Process Plant Trainer Lab Equipments Manufacturer, Suppliers & Exporters Industrial Process Plant Trainer consists of three independent modules:

Raw Water Filtration

Dosing

Treated Water Storage

The Raw Water Filtration module houses the Raw Water vessel, two independent sand filters and Filtered Water vessel. Mains water is transferred into the raw water vessel, which is then pump forward through either one of the sand filters into the filtered water vessel. On the Dosing module there is a an acid dosing vessel, caustic dosing vessel, Cation Bed, Anion Bed and Degasser vessel. Water from the Filtered water vessel is pumped forward through the Cation vessel; this then enters the degasser vessel after experiencing a carbonate removal process. The degassed liquid is then pumped forward through the Anion Bed. The Cation Bed and Anion Bed require a regenerating every 5hours to maintain the optimum condition of the resins. Within the Acid Dosing vessel is a 5% dilution of Hydrochloric Acid, which is used to regenerate the Cation Bed. In the Caustic Dosing vessel is a 4% dilution of Sodium Hydroxide; this is used to regenerate the Anion Bed

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