Automatic Nitrogen PC Interface Distillation System

(Kjeldahl....COD...DIACID & TRIACID, Trace Metal)

M/N AI-KjelDIST-AF-DD: ADVANCED FULLY AUTO Nitrogen PC Compatible Dual DISTILLATION SYSTEM (ISO 9001:2015 & CE Certified) (The Rapid Fully Auto Run Completely Microprocessor Programmable Based PC Compatible Auto Sequence Operation LCD Display Distillation System with 100 Programmable users in built Software) No. of Samples: Two at a Time. Mode of operation: Single / both Simultaneously.

Application: Suitable for all type of sample like Solid & liquid milk, skimmed milk powder, milk products, Confectionary, Water, Pesticides, Fertilizers, Manure, waste water, urea, Bio Material, Fish Meal, Animal Feed, Fodder, Grain, Plant, Soil, food & feed, Agricultural, Industrial, Sludge, Petrochemicals, Chemicals, Leather, Paper pulp and many more.

Programable Features:



- Auto Addition of Boric acid (Receiver Solution)
- Auto Sample Selection Library
- Auto Addition of Sample Dilution
- Auto Duration of React time
- Auto Duration for delay time
- Auto Addition of NaOH (Alkali)
- Auto Duration of Neutralization.
- Auto Addition of water Steam injection.
- Auto Duration for Residue Removal /Tube Drain
- Auto Distillate control with adjustable volume Steps
- Auto Duration of Sample Settle Time.
- Auto Process over Intimation with alarm
- Auto alarm for Sequence steps
- Auto Titration Connectivity feature for future up gradation

Features:

- Independent stainless steel non corrosive steam generator, Expansion Vessel & cooling water Condenser. Flow diagram display to show live auto sequencing steps at each stage of process, Data table export to excel. Microprocessor Programmable Auto Distillate control with adjustable volume for determination of Available nitrogen. Automatic microprocessor sensor detects the 'No water' in condensers' system will intimates with auto user alarm and Visual indication. Continuously Measured Temperature is Displayed Digitally.
- If "No water Condition" happens Auto deactivation of operation after Thirty seconds with warning in case of user non availability in condenser & steam generator.
- Auto Microprocessor Programmable Monitoring & measuring of high temperature protection with help of Platinum. sensor & alert intimation for User attention Temperature display in the View of Direct LCD Bright Display Auto Reagent level sensor with alarm Indication in the time of adding reagents
- Auto Pressurized Steam Generate- BOILER: High grade 316 A .Stainless steel non corrosive steam Generator,
- Inbuilt Mini printer for Direct Print out of results without connecting to PC
  Automatic water level monitoring & precise Peristaltic pump for Accurate reagents addition Auto sequence steps Execute in the view of flow diagram in Touch screen display Adjustable steam power from 5 to 100%, Auto online water saving mechanism Nitrogen level: 1 to 200 mg Nitrogen,Nitrogen Reproducibility: + 0.1% RSD,Nitrogen Recovery: >99.5%, Electrical Requirement 220-230V/50Hz.
- Auto tube inserts error indication
- Safety Auto Door opens warning alarm with visual Indication Auto Deactivation of System Error Diagnosis, Etc

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