Fully Automatic Nitrogen/ Protein Analyzer

MULTI - Functional Automatic Digestion System (Kjeldahl..COD..DIACID & TRIACID, Trace Metal)

ABC INC offers a complete solution for Kjeldahl analysis, made up of a mineralization unit, Suction and fume neutralization systems and Distillation/Titration Unit According to the Official methods (AOAC, EPA, DIN and ISO). Products Certified (ISO 9001: 2015, CE, ISO 17025)



Application: Rapid Automatic Macro Block Nitrogen/ Protein Digestion System (Suitable for all type of Sample like solid & liquid Water, Pesticides, Fertilizers, Manure, waste water, sludge, urea, Bio Material, Fish Meal, Animal Feed, Fodder, Grain, Plant, Soil, food & feed, milk, skimmed Milk powder, Milk products, Confectionary, Agricultural, leather, Industrial effluents, Chemicals, Petrochemicals, Leather, Tissue, Paper pulp Chemicals, Leather, Tissue, Paper pulp & Many More.

System Info:

- M/N:AI-KDIGB-12M: Superior Auto sequencing Microprocessor Based Twelve Sample Macro Tube Digestion Block With Programmable Controller Graphical LCD Display System.
- Heaters: Rapid & High heating Casted Aluminum Heaters for Even Heating with Epoxy coating for acid resistance.
- Macro Digestion tubes with capacity 300 ml volume.
- MOC: Chemical Resistant Anti Corrosive Epoxy Powder coated long Life, Corrosion Free Heating Aluminum Blocks.
- Customizable Program of sample selection library like soil, Plant, water, food, feed, Cereals, starch etc.,.

Features:

- Inbuilt Auto Sequence allows 100 Intelligent Program System 12 Desire Ramp/Sequence Steps. Temperature Controller Range: Ambient to 500˚ C, Temperature Accuracy & stability:±0.5˚C. Display views: Temperature present and set value, Time, Date, Real Time, Data Logger, Graphical Representation System, Time Selection 1 to 999 Minutes.
- Automatic Scrubber ON/OFF , Auto Temperature Calibration etc.
- Real time monitoring of process parameter Process resume from stop and power failure for continuous operation, Chemical Resist with Epoxy coating for acid resistance.
- Two tier console: Compact design to place Insert rack and Manifold Rack with exhaust manifold & Drip tray in the above part of digestion system.
- All essential accessories like SS Insert Rack, Drip Tray, and Heat Shield plate for temperature cut-off, Exhaust Teflon manifold suction Assembly for safe removal of acid fumes will be provided with the unit As standard accessories with indicators to save the power, Auto alarm for user's attention Acoustic and indicator lamps showing when the unit reaches the end of final cycle. Auto Shutdown facility after completion of Digestion Cycle with indicators with visual Display, Lighting facility Auto alarm for user's attention, Over Temperature Protection, Auto sensor Break Protection Auto Over temp. Cut Off, Acoustic and Visual error Indication & Damage Probe Detection
- Password Login Features, Automatic sample Cooling Facility after Digestion Completion, Auto Run Alert etc.

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